RECORD

Property of
Reed C. Rollins
Gray Herbarium
Harvard University
22 Divinity Avenue
Cambridge, MA 02138

Colorado

8101 - Lesquerella ludoviciana
Sandy wash, prairie. Flowers
yellow, perennial. 8 mi. east
(7) of Flagler on I-70, Kit Carson Co., Colorado
May 13, 1981.

8102 - Lesquerella ~~multifolia~~ calcicola. Roll.
Perennial. Stems numerous,
erect. Basal leaves erect.
(11) Flowers yellow. Piñon-juniper
area in caliche type soil.
Off I-25, between Pueblo and
Walsenburg, 7.6 mi. N of
turnoff to ~~Walsenburg~~ Colorado City, Pueblo Co. Colo.
May 14, 1981. Abundant.

8103 - Lesquerella calcicola Roll.
Petals not unguiculate.
(10) Blade ascending but not
strictly erect. As above
except 4.4 mi. N. of ~~Walsenburg~~
Colorado City turnoff.

Colorado

8104- P. hyparia floribunda Rydb.
Rosette flat. Perennial. Flowers yellow. Southwest of La Veta Pass. 6.3 mi. NE of ~~Alamosa~~ Fort Garland near U.S. 160, Costilla Co, Colorado. May 14, 1981
(5)

8105- Thlaspi montanum L.
Perennial. Buds purple. Petals white. Abundant. Spruce fir area on steep bank, near U.S. 160, 4.4 mi W of Wolf Creek Pass, Mineral Co, Colorado. May 14, 1981
(8)

8106- Barbarea ~~orthoceras~~ vulgaris R. Br.
Perennial. Stems several in a clump. Flowers yellow. Roadside. 4.2 mi. NE of Pagosa Springs, Archuleta Co, Colorado.
May 14, 1981

Colorado

8107 - Thlaspi arvense L.
(2) Annual. Flowers white. As 8106.

8108 - Erysimum capitatum (Dougl.) Greene
Stems single. Flowers yellow.
Pine-oak woods. Mill Creek
(2) Road, 2 mi. E of Pagosa Springs,
Archuleta Co., Colo. Elev. 7,300 ft.
May 14, 1981

8109 - Thlaspi montanum L. var. fendleri (Engl.) Ph. Rydberg
Perennial. Petals white.
(14) As 8108

8110 - Alyssum minus var. micranthum (Meyer) Dudley
(6) Roadside weed. Stems
numerous, outer decumbent.
As 8108. Det T. R. Dudley

8111 - Erysimum repandum
Roadside weed. As 8108

8112 - Camelina microcarpa Andrz.
Roadside weed. As 8108
(3)

Colorado

8113 – Conringia orientale (L.) Dumort,
(2) Roadside weed. Cs 8108

8114 – Alyssum minus var. micranthum (Meyer) Dudley
(9) Roadside weed. On E edge of Pagosa Springs. ~~Dch~~ Archuleta Co. Colo. May 14, 1981
Det T.R Dudley

8115 – Wesquerella [illegible]
siliques slightly flattened parallel to septum; erect, pedicels sigmid, stems several, erect. juniper woodland, 5 miles northeast of Arboles, Archuleta Co., Colo. May 15, '81

8116 – Arabis perennans S. Wats
Perennial. Stems few to several rising below terminal
(12) cluster of leaves. Petals pumplish. Siliques widely spreading. Cs 8115.

Colorado

8117 - Schoenocrambe linifolia (Nutt.) Greene
Perennial. Stems one or few
(4) Sepals and petals
yellow. Siliques erect.
As 8115

8118 - Descurainia pinnata (Walt.) Britt. subsp. halictorum (Cockerell) Detling
Annual. Flowers yellow.
(5) As 8115.

8119 - Lesquerella montana (Gray) S. Wats.
Perennial. Outer stems
decumbent. Stems numerous.
(6) Pedicels slightly sigmoid.
Siliques ellipsoidal. Reddish
clay bank, 1 1/2 mi SE of
Ignacio, near Route 172,
La Plata County, Colo.
May 15, 1981.

Colorado

8120 - Physaria floribunda Rydb.
Petals erect. Siliques erect with a deep sinus above and below. Steep open hillside, oak-pine area, outskirts of Durango. La Plata Co., Colo.
May 15, 1981
(9)

8121 - Thlaspi montanum L. var. fendleri (Greg.) P. Holmgren
Basal leaves purplish. Perennial. Stems 2 to several. E of Mancos, between Mancos and Durango. La Plata Co., Colo.
May 15, 1981
(5)

8122 - Arabis holboellii var. pendulocarpa
Siliques widely pendulous. Cruciate. Pinon-juniper area near entrance to Mesa Verde National Park. Montezuma Co., Colo.
May 15, 1981
(1)

Colorado

8123 - Alyssum minimum var. micranthum (Meyer) Dudley
(3) Weed in gravel 6 miles E of Cortez, Montezuma Co., Colo. May 15, 1981 Det T.R. Dudley

8124 - Cardaria draba (L.) Desv.
Roadside weed. Flowers white.
5 miles E of Cortez, Montezuma
(3) County, Colo.
May 15, 1981

8125 - Lepidium montanum var. jonesii (Rydb.) C. L. Hitchc.
Perennial. Flowers white.
Lower leaves pinnatifid.
Steep bank, red soil, 7 miles
(8) S of Cortez near McElmo
Creek, Montezuma Co., Colo.
May 15, 1981

8126 - Chorispora tenella (Pallas) DC
(2) Roadside weed. Same as
8125.

Colorado

8127 - ~~Schoenocrambe~~ Thelypodiopsis aurea (Eastwood) Rollins
Biennial. Stems simple or branched. Sepals and petals golden yellow. ~~Siliques~~ Sepals ~~divaricate~~ loosely ascending. Siliques divaricately ascending, straight to slightly arcuate. ~~Clay~~ Steep bank in clay-like soil. 20.6 miles S of Cortez in McElmo Creek Valley, Montezuma Co., Colo.
May 15, 1981

8128 - Stanleya pinnata (Pursh) Britt.
Perennial. Stems several from base. Lower cauline leaves pinnatifid. Among boulders. 17.4 miles S. of Cortez in McElmo Creek Valley, Montezuma Co., Colo.
May 15, 1981

Colorado

8129 – Lesquerella montana (Gray) S. Wats.
Perennial. Stems several, decumbent, arising below terminal cluster of leaves. (6) Fruiting pedicels somewhat sigmoid. Pinon-juniper area, red soil. 16 mi. N of junction of 141 and 666, San Miguel Co., Colo.
May 16, 1981

8130 – Schoenocrambe linifolia (Nutt.) Greene
Perennial from an underground rhizome. Sepals and petals bright yellow. (5) Acs 8129.

8131 – Physaria acutifolia Rydb.
Perennial. Stems numerous, arising below flat rosette. (7) Siliques with a sinus above and below. 17 mi. N of jct of Colo. 141 and U.S. 666, San Miguel Co. Colo.
May 16, 1981

Colorado

8132 - Streptanthus cordatus Nutt.
Perennial. Stems one or few from base. Petals linear, purplish-brown. As 8131
(3)

8133 - Lesquerella rectipes Wood. & Standl.
Perennial. Stems decumbent. Pedicels widely spreading to slightly ~~erect~~ ascending. Sandy Soil
(7) ~~19 mi~~ Pinon-juniper area. 19 mi. N of junction of 141 and 666, San Miguel Co. Colo. May 16, 1981

8134 - ~~Caulanthus~~ Streptanthella longirostris (Wats.) Rydb.
Annual. Stems single, branched above. Petals
(4) yellow. As 8133.

Colorado

8135 - Physaria acutifolia Rydb.
Perennial. Stems decumbent, numerous, arising below flat rosette of entire leaves. Siliques with pinna above and below. 1.1 mi. S of junction of Colorado State road 141 and 90, on road to Paradox, Montrose Co Colo.
(6) May 16, 1981

8136 - Lesquerella rectipes (Wats.) Stand.
Perennial. Stems several originating below terminal tuft of leaves. Pedicels slightly recurved. Siliques globose to elongated and slightly compressed parallel to septum. 2 mi E. E ~~SE~~ of Utah border on Colorado Route 90, Montrose Co, Colo.
(13) May 16, 1981

8137 - Descurainia pinnata (Walt.) Britt subsp. halictorum (Ckll.) Detling
Annual. Siliques erect, narrow club-shaped. Entire plant pumpkish.
(5) Cf 8136.

Utah

8138 – Arabis selbyi Rydb.
Perennial. Stems several, erect rising below ~~terminal~~ leaf cluster which terminates an elongated caudex. Siliques (9) widely spreading, slightly falcate. Petals purplish. Pinon-juniper area. 2 miles W of Colorado border on Utah Route 46. San Juan Co., Utah.
May 16, 1981

8139 – Arabis perennans S. Wats
Perennial. Stems several from base, leafy. Siliques pendulous on widely spreading pedicels. Petals light to dark purplish. Pinon-juniper area. 10.8 mi. E of La Sal Junction on Utah 46. San Juan Co. Utah.
May 16, 1981

8140 – Schoenocrambe linifolia (Natt.) Greene
Perennial. Stems one to few. (3) Sepals and petals golden yellow. As 8139.

Utah

8141 - Lepidium montanum Nutt. var. jonesii (Rydb.) C. L. Hitchc.
Perennial. Hemispherical clumps up to 2 ft. in dia. 24 mi. N of Monticello, San Juan Co, Utah.
(6) May 16, 1981

8142 - Physaria acutifolia Rydb.
~~Sta~~ Perennial. Stems numerous, leaves entire. Siliques with sinus above and below. Clay bank. Near Utah Route 163, 3.7 mi. S of Monticello, San Juan Co. Utah
(3) May 17, 1981

8143 - Arabis perennans S. Wats.
Perennial. Stems several from the base. Siliques pendulous. Petals purple. Pinon-juniper area. Off Utah Route 163, 5.6 mi. S of Monticello, San Juan Co, Utah
(13) May 17, 1981

Utah

8144 - Descurainia subsp. halictorum (Ckll.) Detling pinnata (Walt.) Britt.
Annual. Fls. yellow. As 8143
(3)

8145 - Arabis perennans S. Wats.
Perennial. Stems single from the base, arising terminally. Leafy. Basal rosette senile Siliques pendulous. Sepals purplish. Petals light lavender. ~~Pinedenosa~~
(11) Open ponderosa pine forest
Weathered granitic rocks
Growing with 8146 and 8147.
14.1 mi. S. of Monticello, off
Utah Route 163.
May 17, 1981

8146 - Arabis perennans S. Wats.
Similar to 8145 but branches
several arising below
(9) terminal cluster of leaves.
Stems less leafy. With
8145 and 8147. As 8145

Utah

8147 – Arabis holbellii var. retrofracta
Perennial. Stems single, terminating leaf rosette that is elevated on a woody goat. Often Branched above. Sepals greenish-yellow. Petals pumplish (8) Flowers pendulous. Siliques strongly reflexed. Growing with 8145 and 8146. Cf. 8145

8148 – Arabis perennans S. Watson
Perennial. Stems several arising below tuft of leaves, raised on a woody caudex. (17) Pedicels widely spreading to slightly ascending. Siliques slightly arcuate. Pinon-juniper area, red soil with weathered rocks. 14.8 mi S of Monticello, San Juan Co. [redacted]
Utah
May 17, 1981

Utah

8149- Physaria
Perennial. Stems numerous, erect. Siliques with sinuses above and below. As 8148.

8150- Arabis pendulina Greene
Perennial. Stems several arising below terminal cluster of entire leaves. Rosette sessile. Stems unbranched. Pedicels widely spreading. Siliques nearly straight, pendulous. As 8148
(11)

8151- Streptanthus cordatus Nutt.
Perennial. Stems usually single.
Sepals purple tipped, petals purple. As 8148
(4)

8152- Lesquerella rectipes Wats. & Standl.
Perennial. Stems several, erect, slightly decumbent at base. Pedicels slightly sigmoid. Siliques erect, nearly globose to slightly compressed, parallel to septum. As 8148
(6)

Utah

8153 – Descurainia subsp. pinnata (Walt.) Britt.
Annual. Branched from near base. Grayish. 10 mi. W of (1) Blanding, on Utah Rte 95, San Juan Co, Utah
May 17, 1981

8154 – Lesquerella recurvata (Wats.) Wats.
Perennial. Stems several, arising below terminal tuft (4) of leaves. Pedicels slightly sigmoid. Siliques erect.
As 8153, except 19.3 mi W of Blanding.

8155 – Eriogonum capitatum (Hough.) Howell
Stem single from the base. Branched above. Prion-juniper Area. 25 miles W. of Blanding (4) along Utah Route 95, San Juan Co Utah.
May 17, 1981

UTAH

8156 - Physaria acutifolia Rydb.
Stems several rising below a cluster of entire leaves.
(3) Siliques with a sinus above and below. As 8155

8157 - Descurainia sophia (L.) Webb.
Weed along roadside. At junction of Utah routes 275 and
(5) 95, 34 miles W of Blanding.
San Juan Co, Utah.
May 17, 1981

8158 - Schoenocrambe linifolia (Nutt.) Greene
Stems several ~~from~~ branching underground from a vertical
(5) rhizome. Sepals and petals yellow. Perennial. 27.5 miles W of Blanding along Utah Route 95. San Juan Co, Utah
May 17, 1981

UTAH

8159 – Streptanthella longirostris (S. Wats.) Rydb.
3.9 miles N of Bluff. San Juan Co. Utah. Voucher for seed.
(1) May 18. 1981

8160 – Physaria chambersii Rollins. Perennial.
Stems numerous arising below the rosette of terminal leaves.
(4) Siliques highly inflated with closed sinus above and below.
30 mi. E of Kanab, along U.S. Route 89. Kane Co. Utah
May 18. 1981

ARIZONA

8161 – Stanleya pinnata (Pursh) Britt.
Shrubby and branched toward base. Stems perenial
(5) to numerous. 8.8 mi. W of Fredonia. Mojave Co. Ariz.
May 19, 1981

along Route 389

ARIZONA

8162 – Physaria newberryi Rollins var. racemosa Rollins
Perennial. Stems several to numerous, erect. Leaves erect. Siliques plumply keeled, laterally on each valve. Apical sinus deep and V-shaped. No basal sinus present. Style included. Slopes of a ravine. 13.9 mi. W of Fredonia Route 389, Mojave Co. Ariz. May 19, 1981.
(9)

8163 – Lepidium montanum Nutt. var. jonesii (Rydb.) ~~Thellungianum~~ C. L. Hitchc.
Clumps up to one foot in diameter, highly branched, lower leaves pinnatifid. As 8162.
(6)

8164 – Dimorphocarpa wislizenii (Engelm.) ~~Rollins~~
Sepals purplish. Petals white. Glabrous and pubescent fruits on different plants. Sparse juniper area, mostly reddish soil. 9 mi W of Pipe Spring National Monument. Route 389 Mojave Co. Ariz. May 19, 1981.
(2)

8165- Lepidium capitatum (Hough.) Greene
Biennial. Stems one or few
(6) Siliques divaricately ascending
As 8164

8166- Arabis pulchra M. E. Jones var. pallens M. E. Jones
Perennial with a long woody
(2) root. Siliques ~~pendent~~ reflexed
Pedicels not geniculate. As 8164.

8167- Sisymbrium altissimum
Roadside weed. 10 mi. E of
(1) Utah border, along route 389,
Mojave Co. Ariz.
May 19, 1981

UTAH

8168- Lepidium fremontii S. Wats.
~~Shrub~~ Highly branched bush
(9) up to 3 ft. in diameter.
Abundant in red clay-like soil.
4.9 miles E of St. George,
Washington Co. Utah
May 19, 1981

UTAH

8169 - Malconia africana (L.) R.Br.
Roadside. 11.8 mi. E of St. George
Washington Co. Utah
(4) May 19. 1981

8170 - Streptanthus cordatus Nutt.
Perennial. Leaves strongly
one-nerved. The nerve red.
(7) Calyx gibbous, yellow, turning
purplish. Petals paired, 2 up, 2
down, reddish. Chip rock hillside
in a pinon-juniper area. off
NE Carmel Jct. State Route 9, 11.1 mi. W of
junction US 89 & Route 9 toward
entrance to Zion National Park,
Kane Co. Utah
May 20, 1981

8171 - Arabis holboellii var pinetorum
Perennial. Stems mostly single.
(7) Seliques abruptly reflexed.
As 8170.

UTAH

8172 - Physaria lepidota Rollins
Perennial. Stems several to numerous, erect. Leaves erect. Sepals and petals golden yellow. Upper part of petal tenete, twisted, and flaring. Siliques angular, and the margins keeled. Back of each valve concave. Upper sinus open, V-shaped. Very ~~shallow~~ shallow sinus below, rounded. As 8170

8173 - Lesquerella intermedia (Wats.) Heller
Perennial. Stems leafy. Sepals and petals yellow. Petals unguiculate. 3.5 mi. W of Jct. US 89 + State route 9 toward entrance to Zion National Park, Kane Co. Utah.
May 20, 1981

8174 - Lesquerella rectipes Wats. 9 Sta. N.
Perennial. Stems rising below terminal cluster of leaves. Pedicels widely spreading, nearly straight to slightly sigmoid
(over)

UTAH

Mt Carmel Jct.

Siliques at right angles to rachis
Brow of hill, reddish soil. 0.9 mi. W
of Jct US89 & State Route 9 toward E
entrance of Zion National Park.
Pine-juniper area. Kane Co. Utah
May 20, 1981

8175-Arabis holboellii var. pinetorum
Perennial. Stems mostly single.
(10) Siliques pendulous. As 8174

8176-Arabis selbyi Rydb.
Perennial. Leaf cluster at the
(3) summit of a woody root.
Siliques widely spreading,
gently recurved. As 8174.

8177-Physaria lepidota Rdl.
Perennial. Stems several to
numerous, erect. Basal leaves
(8) ascending, entire. Petal limbs
spreading at full anthesis
Siliques 4-angled with a keel
at each angle, unit an open

sinus above and a shallow sinus below. Back of each valve concave. Type locality, 0.4 mi. W of Mt. Carmel Jct., Kane Co, Utah. May 20, 1981

8178- Physaria lepidota Rdl
Perennial. Stems several, erect. Leaves erect. Siliques inflated ↑ at maturity 4-angled with a keel at each angle. Turning from green to purplish. Sinus open above, shallow and rounded below. Infructescences very dense. Steep slope, clay rock, northeast edge of Orderville. Kane Co. Utah.
May 20. 1981

8179- Arabis selbyi Rydb.
Perennial with a branching Caudex. Stems arising laterally below terminal cluster of leaves. Pedicels widely spreading. Siliques arcuate. Cfr 8178

UTAH

8180 - Phyparia lapidota Roll.
Perennial. Stems numerous, erect.
Leaves entire. Sepals and petals
yellow. Petal limt spreading
Strip Bank. Ponderosa - juniper-
(3) pinon area. 1.3 mi. South of
Alton turnoff from US 89,
Kane Co. Utah.
May 20, 1981

8181 - Arabis holboellii var pinetorum
Stems single from the base.
Siliques strictly reflexed.
(6) 3.1 mi. E of US 89 on Alton
Road. Kane Co. Utah
May 20, 1981

8182 - Arabis pendulina. Greene var. russeola (Roll.) Roll.
Perennial. Stems few to several.
Simple, arising below tuft
(14) of erect leaves. Cauline leaves
few, remote. Pedicels widely
spreading. Siliques slightly
arched downward. Growing in
calcareous chip rock.
Ponderosa pine forest.

UTAH

off U.S. 89, 2 mi S. of junction of Route 15, Kane Co, Utah.
May 21, 1981

8183 - Draba subalpina Goodman & Hitchcock
(1) Flowers white. Pedicels divaricately ascending. Growing in pine needle duff. Rare. Ca 8182

8184 - Physaria lepidota Roll.
(8) Perennial. Stems several to numerous, erect. Leaves erect not rosulate. Steep hillside. Chip rock and clay. Ca 8182

8185 - Thlaspi montanum L.
(1) ~~Ca 8183~~ Perennial with a branching caudex. Leaves reddish. Growing in pine needle duff. Ca 8182.

UTAH

8186 – Arabis pendulina Greene var. russeola Rollins
Perennial. Stems few to numerous arising below terminal tuft of erect leaves. Plants reddish to green. Siliques slightly arched on widely spreading pedicels. Sepals and petals purplish. Growing in clay rock on an open flat, open ponderosa pine area. 3.5 mi W of junction of US 89 and state route 14, along 14
Kane Co. Utah
May 21, 1981

8187 – Physaria chambersii Rollins
Perennial. Stems several arising below a terminal rosette of entire or inconspicuously dentate leaves. Siliques ultimately inflated, 4-angled, not keeled on the margins. Upper sinus deep, lower sinus varying from very shallow to deeper and rounded. Steep hillside in heavy clay soil. 5.8 mi E of Cedar City on S.R. 14, Iron Co. Utah – May 21, 1981

UTAH

8188 – Descurainia sophia (L.) Webb.
Annual, growing under junipers.
(2) Along Route 56, 13.7 mi. W. of Cedar City, Iron Co. Utah
May 22, 1981

8189 – Descurainia pinnata (Walt.) Britt. subsp. halictorum (Wooton) Detling
Same as 8188

8190 – Arabis perennans S. Wats.
Perennial. Stems usually few, simple or branched above. Fr fruiting pedicels divaricately ascending, straight. Siliques
(16) widely spreading, slightly arcuate. Under junipers and piñon. ~~Flowers~~ Petals deep magenta. 16.6 mi. W of Cedar City on Route 56, Iron Co. Utah
May 22, 1981

8190a. A. holboellii var. pinetorum

(44)

UTAH

8191 - Arabis holboellii Hornem. var. pinetorum
Siliques strictly reflexed.
(2) Piñon-juniper area. As 8190

8192 - Physaria chambersii Kell.
Perennial. Stems arising below terminal rosette of entire leaves. Siliques highly inflated when mature with a deep sinus above and no sinus below. ~~Valves~~ Siliques 4-angled, valves straight sided and rounded dorsally. As 8190

8193 - Arabis holboellii var pinetorum
Biennial or perennial. Stems single from the base except when bitten off, branched above.
(8) Siliques straight, reflexed. Petals light lavender. Piñon-juniper hillside in mining area off State Rte. 56, 19.2 mi. W of Cedar City, Iron Co. Utah.
May 22, 1981

UTAH

8194 – Arabis perennans S. Wats. × A. holboellii var pinetorum (?)
Biennial or perennial. Stems one or few. Siliques widely spreading. Slightly arcuate. Same general area as 8193

8194a – arabis perennans S. Wats.
(2)

8195 – Arabis holboellii var. pinetorum
Biennial or perennial. Siliques strongly reflexed but pedicels (7) not geniculate. Piñon-cedar area. As 8194

8196 – Arabis holboellii var. pinetorum [mixture]
Biennial or perennial. Siliques strongly reflexed. Pedicels arched downward but not geniculate. Piñon-juniper area wandering a ravine. With 8197. In Mining area off State Route 56, 19± ca. mi. W of Cedar City, Iron Co - Utah
May 22, 1981
Stems single

8196a Arabis perennans S. Wats.
(2)

UTAH

8197 - Arabis perennans S. Wats.
Biennial or perennial. Stems usually several arising below terminal cluster of leaves. Leaves mostly dentate. Pedicels ~~divaric~~ widely spreading. Siliques widely spreading. slightly arcuate. Same as and with 8196.

(9) Sepals & petals purple.

8198 - Arabis perennans S. Wats [mixture with 8198a = a ?]
Collection made in a vertical distance of about 2,000 ft. up a steep slope with lots of granitic rock going from pinon-juniper to limber pine. Some plants branched from the base below a terminal cluster of leaves, others scaple and terminating the shoot, all with widely spreading pedicels and pendant siliques. Siliques slightly arcuate. Flower color varying from deep purple to pale lavender. 2.3 Mi. on road to Pine from SR 56, Iron Co, Utah May 22, 1981

widely spreading &

UTAH

8199 - Skipped

8200 - Caulanthus glaber (Jones) Rydb.
Glaucous perennial with a single moderately inflated stem. Calyx gibbous at base, Sepals yellowish, brown tipped. Petals reddish brown. 2 above and 2 below. Steep hillside in white chip rock, usually under juniper or pinon. 8 mi on road to Paria from SR56, west of Cedar City Iron Co. Utah
May 22, 1981

8201 - Lesquerella intermedia (Wats.) Heller
Perennial. Stems few to many from an underground branching caudex. Leaves terete. Sepals erect, yellowish Petals yellow, blade flaring. As 8180, but in the open.

UTAH

81102 - Malcolmia africana
Roadside weed. Jct of I-15 and New Harmony Road, near border of Washington Co. Iron Co., Utah
(3) May 23, 1981

81103 - Arabis perennans S. Wats.
Biennial. Stems few to several arising below
terminal cluster of leaves
Pedicels widely spreading
Siliques widely spreading,
(5) slightly curved. Under oak, pinon and juniper. Pine Valley Mountains. 2 mi NE of New Harmony, ~~Iron~~ Washington Co. Utah
May 23, 1981

UTAH

81104- Erysimum capitatum (Dougl.) Greene
Biennial, up to 2 ft. high. Siliques erect on divaricately ascending pedicels. Flowers yellow. Oak-pinon-juniper woodland, Pine Valley Mountains 3.2 mi NE of New Harmony, ~~Washington~~ Co. Utah May 23, 1981
(3)

81105- Descurainia subsp. halictorum (Ckll.) Detling pinnata (Walt.) Britt.
Plants greenish. Siliques erect to ~~spreading~~ slightly spreading not clavate. ~~Flowers~~ Flowers yellow.
As 81104
(10)

81106- Physaria chambersii Kell
Perennial. Stems few to several arising below cluster of ~~leaves~~ entire leaves. Siliques inflated when mature, 4-angled and varying from a sharp keel to slightly rounded. Lower sinus absent or shallow. Upper sinus deep and most often open.
As 81104.
(2)

UTAH

81102 - Malcolmia
Roadside weed. Jct of I-15 and New Harmony Road, near border of Washington Co. Iron Co., Utah
(2) May 23, 1981

81103 Arabis perennial S. Wash.
Perennial. Stems few to several arising below
Terminal Cluster of leaves
Pedicels widely Spreading
Siliques widely spreading.
(5) slightly curved. Underoak, piñon and juniper. Pine Valley Mountains. 2 mi NE of New Harmony, ~~Iron~~ Washington Co. Utah
May 23, 1981

UTAH

81104 - Erysimum capitatum (Dougl.) Greene
Biennial, up to 2 ft. high. Siliques erect on divaricately ascending pedicels. Flowers yellow. Oak-pinon-juniper woodland, Pine Valley Mountains 3.2 mi NE of New Harmony, ~~Washington~~ Co., Utah
May 23, 1981
(3)

81105 - Descurainia subsp. halictorum (Cockerell) Detling
pinnata (Walt.) Britt
Plants greenish. Siliques erect to ~~slightly~~ spreading not clavate. ~~Stems~~ Flowers yellow.
As 81104
(10)

81106 - Physaria chambersii Kurz
Perennial. Stems few to several arising below cluster of ~~leaves~~ entire leaves. Siliques inflated when mature, 4-angled and varying from a sharp keel to slightly rounded. Lower sinus absent or shallow. Upper sinus deep and most often open.
As 81104.
(2)

UTAH

8/107 – Descurainia subsp. halictorum (Cockerell) Detling
pinnata (Walt.) Britt.
Plants greenish. siliques widely spreading. clavate. 3.3 mi. N of New Harmony. ~~Iron~~ Washington Co. Utah
May 23, 1981

8/108 – Arabis perennans S. Wats.
Perennial. Stems arising below terminal cluster of leaves. Pedicels widely spreading. Siliques widely spreading, slightly (1) arcuate. In shade of scrub oak ~~mix~~ Uncate. 3.4 mi N of New Harmony. ~~Iron~~ Washington Co. Utah
May 23, 1981

8/109 – Arabis perennans S. Wats
Biennial or perennial. Stems usually single or branched, each stem arising above leaf cluster. Pedicels (14) arched downward. Siliques pendulous. Sepals greenish-purple. Petals pale lavender.
(next page)

UTAH

Piñon-juniper area below white rock. 5.9 mi NW of New Harmony, Iron Co. Utah
May 23, 1981 Growing with 81110

81110 – Arabis holboellii Hornem var. pinetorum
Stems single rising ~~from~~ terminally above leaf cluster. (2) ~~Silicles~~ Siliques strongly reflexed. Pedicels not geniculate. As 81109, and growing with it.

81111 – Arabis holboellii Hornem. var. pinetorum
Stems mostly single, arising terminally above basal cluster of leaves. ~~Sili~~ Pedicels recurved but not geniculate. Siliques pendulous. Sepals greenish-lavender, petals light lavender. In duff around piñon pines.
6 b ~~Sil~~ mi. NW of New Harmony, Iron Co, Utah.
May 23, 1981

UTAH

81112 – Arabis perennans S. Wats
Biennial or perennial. Stems arising ~~from~~ terminally above cluster of basal leaves. ~~Base~~ Simple or branched above. Fruiting pedicels widely spreading, slightly arched. Siliques pendulous. Sepals greenish-purple. Petals light to dark lavender. Rocky hillside in granite detritus. ~~near N of Hew~~
Near mountain meadow, 8 mi NW of New Harmony, ~~Washington~~ Iron Co, Utah
May 23, 1981

81113 – Descurainia subsp. pinnata (Walt.) Britt.
Plants bushy, intricately branched beginning near base. Up to 2 ft. tall and 1½ ft. across. Stems reddish. Flowers yellow.
Between Pinto and Enterprise ~~Iron Co.~~ 5 mi. W. of Pinto
~~Iron Washington Co, Utah~~ Washington Co, Utah
May 23, 1981

81114 - Lesquerella intermedia (Wats.) Heller
Perennial. Stems several to numerous. Erect. Caudex branching below ground. Talus gravel. Pinon-juniper area, ca. 30 mi. straight W of Cedar City, Iron Co.
May 23, 1981
(4)

81115 - Arabis perennans S. Wats.
Biennial or perennial. Stems arising below tight of terminal leaves. Pedicels widely spreading. Siliques widely spreading, straight to slightly curved. Crevices of boulders. 1.5 mile of Nevada. Iron Co. Utah.
May 24, 1981
of the Nevada State line
(3)
Arabis perennans S. Wats. 52

UTAH

81116 – Lepidium
Perennial, branched from the base upward. Flowers white as 8111N. Gravelly soil.

Nevada

81117 – Arabis holboellii Hornem var. pinetorum (Tidestr) T.C
Biennial or perennial. Stems usually single and simple, growing from a terminal position above the basal rosette. Pedicels arched downward. Siliques pendulous, very slightly arcuate. Open pinon-juniper woodland, 17.1 miles E of Ponaca, along Nevada Rte 319, Lincoln Co, Nev.
May 24, 1981

Nevada

81118 – Physaria chambersii Roll.
Perennial. Stems several to numerous arising below terminal cluster of entire to dentate leaves. (2) Siliques 4-angled but not carinate. Sinus deep above and open. Shallow below and closed. As 81117.

81119 – Caulanthus
Perennial. Stems single, ultimately inflated. Calyx gibbous, petals two above and two below, brown. Pinon – juniper area, open, fine gravelly soil. 16.7 mi E of Panaca, along Nevada Rte 319, Lincoln Co., Nevada (2)
May 24, 1981

Nevada

81120 – Lepidium densiflorum Schrad.
Annual, branching from the
(8) base. Petals wanting, stamens
2. As 81119.

81121 – Caulanthus pilosus S. Wats.
Biennial or perennial. Stems
single. Branched above. Buds
purplish. Sepals erect. Claw &
blade purple, blade yellowish.
(8) Pedicels divaricately ascending-
Scapes straight or slightly
arcuate. Terete. Open Sagebrush
Chrysothamnus desert. 37.6 mi.
SW of Panaca, Lincoln Co. Nev.
May 24, 1981

81122 – Lepidium montanum Nutt. var. montanum
Branching from the base. Lower
leaves pinnatifid. Shaley place
(6) in open desert. As 81121.

Nevada

81123 - Stanleya pinnata (Pursh) Britt. Stems numerous from a woody base. Lower leaves pinnatifid. Open desert of sagebrush + Chrysothamnus, 40 mi SW of Panaca, Lincoln Co., Nev. May 24, 1981

(7)

81124 - Lepidium fremontii S. Wats. Shrubby, intricately branched, leaves entire or 3-toothed, erect. Growing in the midst of other shrubs. 1.7 mi W of Jct of US93 + SR375, Lincoln Co., Nevada May 24, 1981

Flowering subsp.

81125 - Stanleya pinnata (Pursh) Britt. Woody at base. Stems several to numerous, erect. Abundant on open Salt-Sage desert Ca. 10 mi W of Tonopah, Esmeralda Co., Nev. May 25, 1981

(4)

Nevada

81126 - Lepidium lasiocarpum Nutt.
Annual. 20 mi. E of Coaldale
Jct. Rts 95 & 6, Esmeralda Co.
(5) Nevada
May 25, 1981

81127 - Lepidium montanum Nutt. var montanum
(3) Perennial. Fls. white. As 81126

81128 - Stanleya elata
up to 4 ft. tall
Perennial. Stems single or
few from the base. Leaves
entire. ~~Inflorescence~~ Branched
(4) above. Glaucous. 15 mi E of
Montgomery Pass, along Rts 95 & 6,
Esmeralda Co. Nev.
May 25, 1981

Nevada

81129—Arabis perennans S. Wats.
Stem rising below terminal rosette. Pedicels slightly ascending to widely spreading
(1) Siliques widely spreading, slightly curved. Under pinon Umicite. Montgomery Pass, 7,132 ft. elev., Mineral Co. Nev. May 25, 1981

81130 - Arabis pulchra M. E. Jones var. gracilis M. E. Jones
Stems usually single, arising from a cluster of leaves fermenting a woody caudex Perennial. Pedicels recurved but not glaucidate. Siliques
(6) strongly reflexed. Sepals brownish purple, petals deep purple. Often growing in brush. Basaltic area predominated by pinon pine. Growing with 81129 ~~and~~ 81131, Cfr 81129. and 81132.

Nevada.

81131 – Arabis pubernula Nutt.
Perennial. Stems usually single arising above rosette of basal leaves. Rigid ~~stem~~ and leafy stem. Pedicels arched downward. Sepals greenish to faintly purplish. Petals white or pale pink. Growing with and as 81129.

(9)

81132 – Arabis holboellii var. pinetorum
Biennial or perennial. Stems usually single arising ~~from~~ above the basal cluster of leaves. Most frequently simple but sometimes branching above. Pedicels arched downward. Siliques pendulous. As 81129

(10)

CALIFORNIA

81133 – Thelypodium ~~sp.~~ milleflorum A. Nelson
Biennial. Stems usually single single or branched above ~~Red~~ Stems becoming inflated. Pedicels divaricately ascending. Inflorescence up to 10 dm. long Plants reaching a height of 5 feet. ~~Sepals~~ Calyx slightly gibbous. Sepals erect, white with greenish tips. Petals white. Stamens exserted, sub-equal. At the base of a volcanic cliff. Abundant among rocks 7.6 mi. S of Bodie, Mono Co. Calif. May 26, 1981

81134, Phoenicaulis ~~cheiranthoides~~ Nutt.
Perennial. Caudex branched, covered with old leaf bases. Stems several to numerous. Crevices of volcanic rocks. Sagebrush area, hill. ~~81~~ 2.1 mi S of Bodie, Mono Co, Calif May 26, 1981
Sepals yellowish brown
Petals lavender.

CALIFORNIA

81135 – Draba quadricostata Rollins
Pin-cushion type with cushion up to 6 inches across. Flowers yellow. Stems scapose. Sepals yellow with cream tips. Petals creamy yellow, more or less erect. Rocky area on the lower part of a ridge leading up to Bodie Peak. Low Sagebrush area. 7 mi. W of Bodie, Mono Co, Calif.
May 26, 1981

(8)

81136 – Arabis pulchra M.E. Jones
Stems single from a cluster of leaves terminating a woody root. Pedicels glandulately reflexed. Sepals brownish. Petals light lilac. Stony basaltic area with scattered pine. Steep hillside. 8.8 mi W of Bodie, Mono Co, Calif
May 26, 1981

(10)

CALIFORNIA

81137 – Arabis sparsiflora Nutt. var. sparsiflora
Perennial with a branching
caudex. Stems several up to
3 ft. tall. Pedicels ascending,
straight. Sepals ~~green to~~
dark purple. Petals deep
purple, blades flaring at
right angles. Siliques
ascending, arcuate. 8 mi. N.E.
of Bridgeport, along Route 182,
Mono Co. Calif.
(11) May 27, 1981

grows under pines
& in Juniper, Rocky
savanna.

81138 – Arabis pubenula Nutt.
Biennial or perennial. Stems
one or few arising above basal
rosette. Pedicels strongly
(5) arched downward, not
geniculate. Siliques strongly
reflexed. Sepals somewhat
persistent. Rocky hillside
As 81137.

CALIFORNIA

81139-Arabis sparsiflora Nutt. var. subvillosa (S. Wats.) Roll.
Caudex sprangly. Pedicels at right angles to rachis Sepals greenish brown. Petals pale purple. As and growing with 81137 and 81138

81140-Arabis pulchra M. E. Jones var. pulchra
Stems usually single arising terminally above cluster of basal leaves that are borne on a woody post. Pedicels strongly reflexed but not geniculate. (9) Siliques strongly reflexed. Rocky hillside in open pine forest. Growing with 81141 and 81142. 11 mi. N of Bridgeport along Route 182 Mono Co. Calif.
May 27, 1981

CALIFORNIA

81141 - Arabis sparsiflora Nutt. var. sparsiflora
Perennial. Stems several from a closely branching caudex. Sepals and petals dark purple. (4) Pedicels divaricately ascending. Siliques ascending then curving outward. Petal blades flaring. In duff under pines and open sagebrush area. As 81140

81142 - Arabis sparsiflora Nutt. var. subvillosa (S. Wats.) Roll.
Perennial. Stems one to several. Caudex ~~widely~~ sprangly. Pedicels at right angles to rachis. Sepals greenish brown. Petals pale pink. Siliques arcuate, spreading downward. Open forest and sagebrush area. As 81140.

NEVADA

81143 – Arabis

Perennial. Stems numerous from a branching caudex. Branched above. Sepals greenish to pale purplish. Petals erect, whitish to faintly purplish. 9.3 mi. N of the Nevada line along Route 338. Under sagebrush. Granitic detritus

Lyon Co., Nev.
May 27, 1981

Near Sweetwater Summit. 7,100 ft.

81144 – Arabis puberula Nutt.

Biennial. Stems single, minutely pubescent from a basal rosette. Simple or branched above. Pedicels spreading arched downward. Sepals purplish to greenish-purple. Petals white to pale lavender. Siliques strictly reflexed with blunt tips. Rocky hillside in open pine and juniper woodland – As 81143

(3)

NEVADA

81145 - Arabis hallii var. retrorsa
Unicate. Plant with a woody root.
Siliques strictly reflexed, glabrous.
Found in same area as 81146.
(1) Rocky hillside, pinon - juniper
area, 12.8 mi N of Nevada line,
Lyon Co.
May 7, 1981

81146 - Arabis pubernula Nutt.
Stems one or two from a simple
or branching caudex. Pedicels
arched downward. Sepals
purplish, petals deep purple.
(11) Cauline leaves not auriculate.
Siliques strictly reflexed, acute
to nearly blunt. Same as
81145.

NEVADA

81147 – Arabis hirsuta (L.) Scop.
Flowers white. ~~[illegible]~~ Wet soil
near stream. 17.3 mi. N of
Nevada line, Lyon Co, Nev -
May 27, 1981 Garden Canyon
Unicate

81148 – Phoenicaulis cheiranthoides Nutt.
Numerous basal rosettes around.
Only 1 clump showing flowers
or fruits. Steep slope on
volcanic rubble. Cs 81147.

81149 – Arabis pulchra var pulchra
Stems single arising from a
rosette ulnics terminales. a
woody root. Sepals greenish,
petals light purple. Low
sagebrush area, pine grove
hills, ~~near~~ below Microwave Tower,
Lyon Co. Nev.
May 27, 1981.

NEVADA

81150 - Lewisia rediviva Pursh
(3) Sepals reddish, petals pure white.
As 81149.

81151 - Thelypodium milleflorum A. Nelson
Biennial. Stems single from the base, simple or branched. Sepals white with a greenish tip. Siliques, stiffly ascending to slightly divergent. On highway 50, E of Carson City, Lyon Co. 16 mi. from Carson City Co.
(9) May 28, 1981
up to 5 ft. tall. Segments very long & fail.

81152 - Cercidium pulchra M. E. Jones var. pulchra
Biennial or perennial, stems single terminating a cluster of leaves above a woody foot, growing in sagebrush
(2) 6.1 miles north of highway 50, county road 2 mi. west of Silver Springs, Lyon County, May 28, 1981

NEVADA

81153 - "Stroganowia" tiehmii Roll.
Basal rosettes among rocks and in brush, very limited in distribution
as 81152
The rocks are volcanic in origin but they are metamorphosed. The area is limited to a few miles in diameter surrounded by more recent black volcanic rocks.

81154 - Arabis pubervula Nutt.
Biennial or perennial, stems branched, siliques strongly reflexed.
as 81152

(17)

CALIFORNIA

81153 – Arabis rectissima Greene
Biennial or possibly perennial. Stems single, unbranched. Open Jeffrey pine forest with Saxifraga and Silignes strictly reflexed. 3.1 miles (4) NW of Highway 70 on the Beckwourth Genesee Road, Plumas Co. Calif. May 29, 1981 marginata.

81156 – Arabis pubirala Nutt.
Biennial or perennial. Stems branched above. Pedicels (6) gently recurved. Sepals yellowish green. Petals pale purple. Siliques pendant. Ex 81155.

81157 – Arabis sparsiflora var. subvillosa
Perennial with a branching caudex. Pedicels at right angles to rachis. (1) Siliques slightly arcuate. Unviable. Ex 81155

CALIFORNIA

81158 – Arabis holboellii Hornem s. str. retrofracta
Rosette elevated on a woody
(2) root. Pedicels and siliques
strictly reflexed. As 81155.

81159 – Arabis holboellii var. pinetorum
Perennial. Caudex simple or
(11) branching. Pedicels arched
downward. Siliques loosely
pendulous. Sepals purplish
petals pale purple. As 81155.

81160 – Cardamine occidentalis (Wats.) Howell
Perennial, rooting at the nodes;
(6) branching. Sepals yellowish.
Petals white. Growing in
a small stream of running
water. As 81155.

CALIFORNIA

81161 – Arabis pubenula Nutt.
Stems usually single from the basal rosette unless bitten off in which case several stems arise below the bite. Branched above. Pedicels arched downward
(7) Sepals ~~greenish~~ purplish green. Petals pale lavender. Rocky hillside in ~~Jeffrey~~ pine forest. 5.2 mi NW of Beckwourth ~~on~~ along the Beckwourth Genesee Rd. Plumas Co. Calif.
May 29, 1981

81162 – Arabis sparsiflora var pubinella
Perennial or biennial. Stems single or few from a branching Caudex. ~~Root~~ Caudex woody. Pedicels widely spreading to arched downward. Immature
Siliques widely spreading to pendulous, slightly arcuate.
(3)? Sepals greenish purple. Petals pale purple. Duff of pine forest
(4) 7.1 mi NW of Beckwourth along the Beckwourth Genesee Rd
Plumas Co. Calif.
May 29, 1981

CALIFORNIA

81163 – Arabis rectissima Greene
Biennial or perennial. Stems single from a flat rosette. Simple or occasionally branched. Sepals greenish. Petals barely exceeding Calyx, white. ~~Ac 81162~~ Pedicels fruiticulately reflexed, Siliques strictly reflexed. Ac 81162.

(9)

81164 – Arabis holbellii var. pinetorum
Biennial. Stems single from the base. Pedicels pendant. Sepals greenish. Petals white
(4) Road bank. Gold Run Road, 9 Mi S of Susanville, Lassen Co. Calif. May 30, 1981.

CALIFORNIA

81165 - Barbarea orthoceras Ledeb.
Perennial. Sepals and petals golden yellow. Pedicels divaricately ascending.
Gold Run Road, Tow~~ua~~ Sky Line Drive. 10 mi S of Susanville. Lassen Co. Calif.
May 30, 1981
Moist area near stream.

81166 - [Cardamine pulcherrima (Robins.) H. Neumn. var. tenella (Pursh) E. L. Hitchc.] distributed as Dentaria tenella Pursh var. palmata Bell.
Perennial. Rhizome leaf 3- to 5-lobed. Cauline leaves usually 2, 3- to 5-lobed. Sepals yellowish green. Petals pale purple. Blades divergent. Rhizome elongated, white. In deep duff of pine-fir forest. As 81165
(13)

81167 - Lepidium campestre (L.) R. Br.
Perennial. Stems numerous leafy. Decumbent. Sepals greenish. Petals white. As 81165
(4)

CALIFORNIA

81168 - Candamine brewerii S. Wats.
Perennial. Growing in clumps
Sepals green. Petals white.
(5) In and at edge of a brook
As 81165.

81169 - Phoenicaulis cheiranthoides Nutt.
Perennial. Stems decumbent
arising below terminal tuft
of leaves. Pedicels spreading at
right angles to slightly descending.
(1) Petals purple. 1/11 mi. S. of Diamond Mountains
Susanville ~~above the junction~~
~~of roads leading to Bloodgut~~
~~Greenville and Spyglass Hill Roads~~
Plumas Co., Calif
May 30, 1961

CALIFORNIA

81170 - Rentaria tenella Pursh var. perfoliata (Nutting)
Perennial. Comm. elongated, white.
Comm. leaves 3- to 5-lobed.
(3) Pedicels divaricately ascending, straight. Siliques divaricately ascending. 3 mi. below Red Rock Lookout. Plumas National Forest. Plumas Co. Calif.
May 30, 1981

81171 - Arabis breweri S. Wats.
Perennial. Stems several arising below a terminal
(5) cluster of leaves. Pedicels and siliques divaricately ascending. Sepals & petals purple. Growing on top of large Metamorphosed rocks. ~~Near below~~ 1/4 mi. below Red Rock Lookout. Plumas Co. Calif
May 30, 1981

CALIFORNIA

81172 - Arabis rectissima Brew.
Biennial or perennial. Stems single, simple or rarely branched above. Pedicels and siliques strictly reflexed. Open pine forest, red soil, 2.2 mi N of jct County Rd A-1 and SR 36, Lassen Co. Calif.
May 31, 1981
(10)

81173 - Arabis sparsiflora Nutt. var. subpilosa (S. Wats.) Rollins
Biennial or perennial. Stems one or few from the base. Pedicels widely spreading to slightly arched downward. Siliques arcuate, widely spreading to pendant. Abundant in an old burn. Growing with 81174 and 81175. 5.9 mi. N of jct of County rd. A-1 and SR 36 Lassen Co. Calif.
May 31, 1981
(4)

Petals white

CALIFORNIA

8/174 - Arabis holboellii var. retrofracta
Biennial. Stems single from the base, branched above. Pedicels and siliques strictly reflexed. (4)
As 8/173.

8/175 - Arabis rectissima Kneeland
Biennial. Stems single from the base, simple or branched above. (4) Pedicels and siliques strictly reflexed. Plants greenish or purplish. As 8/173.

8/176 - Arabis holboellii Hornem. var. pinetorum (Tides.) Roll.
Perennial. Stems several from a purple branching caudex, mostly unbranched. Siliques and pedicels widely spreading. Siliques arcuate. Sepals greenish purple. Growing in crevices of lava rocks. North of Eagle Lake, Lassen Co., Calif. (13)
May 31, 1981
Petals white

CALIFORNIA

81177 – Arabis holboellii var. retrofracta
Perennial. Stems several from a simple or branching caudex.
(5) Pedicels and siliques strongly reflexed. Sepals ~~greenish~~ purplish-green, petals white As and with 81176 and 81178.

81178 – Arabis sparsiflora var. subvillosa
Perennial. Stems one, usually from a simple or branching caudex
(12) Branched above. Pedicels widely spreading. Siliques ~~erect~~ curved downward, loosely pendulous. Sepals greenish. As 81176.

81179 – Arabis sparsiflora var. subvillosa
Perennial. Stems one to several from a simple or branched caudex. Pedicels widely spreading
(4) slightly pendulous. Siliques arcuate, loosely pendant. Sepals greenish purple, petals purplish. Crevices of basalt of ancient lava flow. About 3 miles N of Eagle Lake, Lassen Co. Calif. May 31, 1981.

CALIFORNIA

81180 – Arabis sparsiflora Nutt.
Perennial. Stems usually several from a branching caudex, simple. Sepals purplish. Petals deep purple. Pedicels divaricately ascending. Siliques falcate, divaricately ascending. 5.3 mi S of jct of SR139 and County road 201. Lassen Co. Calif.
May 31, 1981
(9)

Growing in sage-brush in a mesa pine - juniper area.

81181 – Arabis sparsiflora Nutt., var. subvillosa (S. Wats.) Rollins
Biennial or perennial. Stems one to few from a simple caudex. Pedicels at right angles to rachis. Siliques arcuate, ~~spreading~~ pendant, and widely spreading. As 81180.
(5)

Near basal rosette

81182 – Alyssum desertorum Stapf. var. himalayense Dudley
Annual weed. Sage brush area. 16.1 mi S of Adin, Lassen Co., Calif.
May 31, 1981
(4)
Det. T. R. Dudley

CALIFORNIA

81183- Arabis pubernula Nutt.
Stems single or few from a simple or branching elongated Caudex. Pedicels and siliques strictly reflexed. Sepals greenish Petals white to pale lavender. Siliques sometimes with a few trichomes present. 15,8 mi. S of Adin, open pine wood. Lassen Co. Calif.
May 31, 1981

(4)

81184 - Streptanthus cordatus Nutt.
Perennial. Stems one or few from a simple or branching Caudex. Buds greenish. Calyx purplish. Petals reddish brown. 13 mi S of Adin. Lassen Co. Calif
May 31, 1981

Stalked post-pod cut

(4)

CALIFORNIA

81185 - Arabis sparsiflora Nutt. var. arcuata (Nutt.) Roll.
Perennial. Stems single from an elevated cluster of leaves. Pedicels at right angles to racemes. Siliques arcuate, widely spreading. Up to 4 ft. tall. Sagebrush and pine area. Adin Pass, elev 5,173 ft. Modoc Co. Calif.
May 31. 1981
(6)

81186 - Alyssum minus var micranthum (Meyer) Dudley
Annual weed in roadside cut. Between Alturas and Cedarville, Modoc Co. Calif.
June 1, 1981 det T.R. Dudley
Flowers
(6)

81187 - Arabis sparsiflora Nutt. var subvillosa (S. Wats.) Roll.
Stems single from the base, branched above. Pedicels at right angles to rachis. Siliques arcuate. Growing in sagebrush, pine zone. Just outside Modoc National Forest Campground between Alturas & Cedarville. Modoc Co. Calif.
June 1, 1981
Near Cedar Pass
(6)

CALIFORNIA

81188 - Draba verna L.
Abundant annual. Petals white. deeply lobed. Mossy duff in shade of boulder. Near Cedar Summit, between Alturas and Cedarville. Route 299. Modoc Co Calif. 6,700 ft
(8) June 1, 1981

81189 - ~~Holosteum~~ Athysanus pusillus (Hook) Greene
Annual. As 81188
(9)

81190 - Arabis
Stems single from a terminal rosette, on a woody base. Pedicels and reflexed pendulous. Sepals greenish, petals ~~light~~ light purple. Near igneous ~~rock~~ boulders.
As 81188

CALIFORNIA

81191 – Arabis sparsiflora Nutt.
Pedicels slightly ascending. Siliques widely ascending, slightly arcuate. Growing in the same necessity as 81190.

81192 – Arabis puberula Nutt.
Biennial or perennial. Stems single, branched above. Sepals purplish. Petals deep purple. Pedicels arched sharply
(10) downward. Siliques reflexed
Warner Mountains, 3.3 mi. W of
Lake ~~City~~, Modoc Co. Calif.
June 1, 1981

81193 – Arabis sparsiflora Nutt. var. subvillosa (S. Wats.)
Perennial. Caudex purple or
branched. Sepals purplish
(3) green. Petal
deep purple, Pedicels arched
downward. Warner Mountains.
Modoc Co. Calif., Ca 1 mi N
of summit, between Lake City &
June 1, 1981 US 395.

CALIFORNIA

8/1194 - Arabis holboellii Hornem. var. pendulocarpa
Perennial. Stems one or few from a simple or branched caudex, simple. Sepals purplish-green petals white. Pedicels widely arching. Siliques widely pendulous. Growing in broken, old igneous rock. Warner Mts. Modoc Co., ca 2 mi N of summit of road between Lake City & US 395. Calif. June 1, 1981

(17)

8/1195 - Arabis
Stems simple. Sepals purplish Petals deep purple. Open chip rock. Re 8/1194.

8/1196 - Pleuricaulis chrysanthoides Nutt.
Stems several arising below terminal cluster of leaves. Decumbent. Sepals yellowish-green. Petals deep purple Re 8/1194. Growing in broken igneous rock.

CALIFORNIA

81197 -- Arabis holboellii var. retrofracta [mature]
Biennial. Stems single from the base. Pedicels and siliques spreading at right angles to rachis. Siliques arcuate. Petals light purple. Open pine forest, Warner Mountains, road between Lake City and US Hwy 395, 4.5 mi E of highway.
Modoc Co. Calif.
June 1, 1981

81197a - Arabis sparsiflora var. subvillosa

81198 - Arabis
Biennial. Stems single. Pedicels and siliques strictly reflexed. Sepals greenish. Petals white as 81191.

81199 - Isatis tinctoria L.
Abundant weed, roadside and fields. Along US 395, 5.1 mi. S of New Pine Creek, Oregon
Modoc Co, Calif.
June 2, 1981
(5)

81200 - Alyssum minus var. micranthum (Meyer) Dudley

(3) Abundant along bank & roadside. Ces 81199. PLT T.R. Dudley

OREGON

81201 - Arabis holboellii var. pinetorum
Siliques pendulous, Sagebrush
(2) juniper area. 16.1 mi. W of Lakeview, Lake Co. Ore.
June 2, 1981

81202 - Arabis sparsiflora var. subvillosa
Pedicels at right angles to rachis.
(3) Siliques arcuate. Growing in same habitat and locality as 81201

81203 - Camelina microcarpa. Andrz.
SR 140 Roadside weed. 20.7 mi. W of Lakeview, Lake Co. Ore.
June 2, 1981
(4)

OREGON

81204 - Barbarea vulgaris R. Br
Roadside weed. Cs 81203.
(2)

81205 - Arabis holboellii var. retrofracta
Biennial or perennial. Stems one or few from a simple or branched caudex. Pedicels and siliques strictly reflexed. Along road to Cattlemwood Meadow, 1 mi. from jct. of road with SR 140. Lake Co., Ore.
(4) June 2, 1981

81206 - Arabis sparsiflora Nutt. var. subvillosa (S. Wats.) Hall.
Biennial or perennial. Stems one or few from a simple or branching caudex. Pedicels at right angles to rachis. siliques arcuate, pendant. Growing with 81205. Cs 81205
(5)

OREGON

81307 – Arabis glabra (L.) Bernh.
Buds ~~green~~ yellowish green. Petals cream colored. Pedicels ascending. As 81305

81308 – Thlaspi montanum L. var. montanum
Perennial. Stems one to several from a flat rosette. Sepals green. Petals white. Moist area in open stand of pine. ~~Here~~ 1/2 mi W of Cottonwood Lake, Lake Co. Ore. June 2, 1981

81309 – Arabis sparsiflora Nutt. var sparsiflora
Perennial. Stems one or several from a simple or branched caudex, purplish. Sepals and petals deep purple. Pedicels divaricately ascending. Siliques divaricately ascending, slightly arcuate. Stems very brittle. Growing in sagebrush area just ~~Here~~ W of Beatty, Klamath Co. Ore. June 2, 1981

Stats Plt 140

OREGON

81210 - Erysimum capitatum (Dougl.) Greene
Stems single. Sepals lemon yellow
Petals bright golden yellow. Pedicels
(5) divaricately ascending. Siliques
erect to slightly divaricately
ascending. As 81209

81211 - Arabis glabra (L.) Bernh.
Biennial Stems single. Sepals
yellowish. Petals white.
(7) Siliques strictly erect. Road
up Mt. Ashland. Jackson Co. Ore
June 4, 1981

81212 - Athysanus pusillus (Hook.) Greene
In pine fir forest, growing
(8) in duff. As 81211

81213 - Alyssum alyssoides (L.) L.
(4) Annual. Stems simple. Petals
minute, white. Open pine forest
As 81211.

Det T. R. Dudley

OREGON

81214- Lepidium campestre (L.) R Br.
Roadside weed. Mt. Ashland,
Jackson Co. Ore.
(8) June 4, 1951

81215 – Arabis divaricarpa A. Nels.
Perennial. Stems one to few
from a simple or branching
caudex. Leaves and stems
succulent. Sepals purplish
(16) green. Petals light purple.
Pedicels widely spreading to
slightly arcuate in flower,
becoming divaricately ascending
in fruit. Mt. Ashland, between
miles 5 and 6 on road to Ski ~~Lage~~
lodge. Jackson Co. Ore.
June 4. 1951

OREGON

81216 - Erysimum capitatum (Dougl.) Greene
Perennial. Stems one or few
Sepals greenish Petals deep orange
of population
except one plant which
(5) is yellow. At mile 7, bank at
edge of fir forest, Nat. Ashland
Jackson Co. Ore
June 4, 1981

81217 - Erysimum capitatum (Dougl.) Greene.
Perennial. Pedicels divaricately
ascending. Siliques divaricately
ascending. Sepals yellowish,
(6) petals deep orange. 4 mile SE
of Takilma, Siskiyou National
Forest, Josephine Co., Ore.
June 5, 1981
one population

81218 - Arabis subpinnatifida S. Wats.
Rootcrown below serpentine rock.
Perennial. Stems one or several
(7) from a simple or branching
Caudex. Old leaf bases of previous
seasons present. Pedicels arched
downward. Siliques pendulous.
Sepals purplish. Petals deep purple.
As 81217.

NEVADA

81219 – Arabis puberula Nutt.
Biennial or perennial. Stems usually single, branched above. Sepals purplish, petals white. Pedicels gently recurved. Siliques pendant. Gravel and clay hill, (11) juniper-sagebrush area. 14 mi E of Cedarville, Calif. in Washoe Co, Nevada
June 6, 1981

81220 – Descurainia pinnata (Walt.) Britt. subsp. paradisa (Rydb.) Detling
Annual. Plants greenish, intricately branched beginning at base. (11) Siliques clavate. 27 mi E of Cedarville, CA in Washoe Co, NV
June 6, 1981

81221 – Arabis sparsiflora Nutt. var. sparsiflora
Biennial. Stems one or few from a simple or branching caudex. (3) Sepals purplish. Petals deep purple. Siliques divaricately ascending. 29.7 mi E of Cedarville CA in Washoe Co, NV
June 6, 1981

NEVADA

81222 - Arabis colorensis M. E. Jones
perennial.
Stems clumped branched above.
(2) Sepals greenish, petals white.
under sagebrush. As 81221

81223 - Phoenicaulis var. ramosissima (Watson) Rollins
cheiranthoides Nutt.
In crevices of igneous rock in
(4) the shade. As 81221.

81224 - Arabis holboellii Hornem. var. retrofracta
Sepals greenish. Petals light
purple. Pedicels arched or
(1) widely spreading. Growing
at the base of sagebrush
Route 84, 43.4 mi NE of
Cedarville, CA in Humboldt Co, NV
June 6, 1981

81225 - Arabis sparsiflora Nutt. var. sparsiflora
Perennial. Stems one to several
from a simple or branched
~~base~~ caudex. Sepals
(7) purplish, petals deep purple
& Pedicels divaricately ascending.
Siliques divaricately ascending
slightly arcuate. As 81224

NEVADA

81226 – Arabis holboellii var. retrofracta.
Biennial. Sepals greenish. Petals light purple. Pedicels and siliques strictly reflexed.
(4) As 81224

81227 – Arabis cobrensis M.E. Jones
Biennial. Stems spread from a branching caudex. Pedicels and siliques arched downward.
(3) As 81224 but in sagebrush

81228 – Arabis puberula Nutt.
Biennial. Sepals tannish. Petals white. Pedicels arched
(2) Siliques pendant.

81224, 81225, 81226, 81227 & 81228 growing together

NEVADA

81229 -- Lesquerella kingii S. Wats. var. cobrensis Reed. + Shaw decumbent

Stems numerous, arising below a tuft of erect leaves. Pedicels slightly recurved, not sigmoid (11) Sepals greenish, erect. Petals yellow, not spreading. Siliques oblongiform. As 81224. Redder above greenish below, Rocky area.

81230 - Arabis microphylla Nutt.

Perennial with a branching caudex. Stems few to numerous unbranched. Pedicels divaricately ascending. Sepals dark purple (12) Petals deep purple. Siliques ascending. Growing in Slate-like rock. Above Hinkey Summit. Humboldt Co, 14.8 mi NW of Paradise. Nev. June 7, 1981

NEVADA

81231 – Arabis sparsiflora Nutt. var. sparsiflora?
Stems several from a single branching caudex
(1) Pedicels divaricately ascending.
Siliqua ascending. Sepals purplish. Petals white. Growing in bunch, otherwise as 81230.

81232 – Arabis hybrella var retrofracta
Perennial. Pedicels arched
(1) downward. Sepals purplish.
Petals deep purple. Growing on a rocky steep slope. As 81231

81233 – Arabis – pulchra Nutt.
Stems leafy. Pedicels arched
(1) downward. Siliqua pendulous.
Sepals purplish green. Petals white. Growing in an open rocky situation. As 81231

NEVADA

8123d - Arabis holboellii Hornem. var. retrofracta
Pedicels and siliques pluntly
① reflexed. Sepals purplish green.
Petals lavender. Growing among
shrubs. As 8123

8123e - Arabis holboellii Hornem. var. pendulocarpa
Stems one or two from the base.
Perennial. Stems simple. Sepals
greenish or to purplish green.
(14) Petals white to light purple
Pedicels arched downward.
Siliques pendulous. As 8123.
Open rocky slope.

8123f - Arabis davidsonii Greene
Dense tufts growing in crevices
of Metamorphic rock. Caudex
much branched. Branches covered
with old leaf bases. Stems unbranched
(18) Sepals green to purplish. Petals
white to purple. Pedicels
divaricately ascending. Siliques
divaricately ascending. Below
Henkey Summit, 13.8 mi from
Paradise, Humboldt Co. Nev.
June 7, 1938

NEVADA

81237 - Arabis microphylla Nutt.
Stems several to numerous from a branching caudex, pubescent. Basal rosettes forming mats. Sepals purplish green, petals purplish. Pedicels divaricately ascending. Growing in shade of large boulders or under Cercocarpus. Cs 81236.
(15)

81238 - Arabis sparsiflora Nutt. var sparsiflora
Perennial. Caudex branching. Stems several Sepals and petals purple. Pedicels and siliques divaricately ascending. Cs 81236
(8)

81239 - Arabis sparsiflora var. sparsiflora
Stems one or few from simple or branching caudex. Sepals purplish green. Petals white to light lavender. Pedicels arched downward, widely spreading. Siliques pendulous. Sagebrush Area. Cs 81236.
(3)

NEVADA

81240 - Arabis holboellii Hornem. var. retrofracta
Stems single with a woody foot.
Branched above. Sepals greenish
purple. Petals light lavender.
(4) Pedicels and siliques strictly
reflexed. Ac 81236

81241 - Lepidium var. pubicarpum (A. Nels.) Thell.
densiflorum Schrad.
Growing along mountain road,
on the road to Heikey Summit
(8) 21.3 mi. NW of Paradise,
Humboldt Co. Nevada
June 7, 1981

81242 - Arabis pubernula Nutt.
Stems single from the base,
usually branched above.
Sepals purplish green. Pedicels
(5) arched downward. Siliques
strongly reflexed. Growing
with 81243. Emigrant Pass,
6100. 32 mi W of Elko along
US 80. Eureka Co. Nevada
June 6, 1981

NEVADA

81243 - Arabis holboellii Hornem. var. retrofracta
Stem single ~~or~~ elevated on a simple caudex. Unarmed above. Sepals purplish green. Petals light purplish. Pedicels and siliques strictly reflexed. Growing with and as 81242. Sagebrush area.

(6)

81244 - ~~Caulanthus~~ Physaria chambersii Roll.
Perennial. Stems numerous, arising below elevation of cotton loams. Siliques moderately inflated, angular with a deep sinus above and none below. Steep clay-like hillside. 9.3 mi S of I-80 ~~on~~ just off Halleck / Ruby Valley Rd. Elko Co, NV
June 8, 1981

(11)

NEVADA

81245 - Caulanthus crassicaulis (Torr.) S. Wats.
Perennial. Stems inflated. Clay
(3) lime rock chips. exposed knoll.
2 mi NW of Wells, Elko Co. NV
June 8, 1981

81246 - Stanleya pinnata (Pursh) Britt.
Small shrub. Leaves highly
(8) divided. Sepals sharply reflexed.
Yellow. Petals and stamens
Yellow. Ca 81245.

81247 - Descurainia pinnata subsp. filipes (Rydb.)
Versatile branched annual.
(3) Brushy area. 8.5 mi W of Wells
on road to Angel Lake, Elko Co. NV
June 8, 1981

81248 - Physaria
Stems numerous arising below a
cluster of entire leaves. Siliques
angular. Upper sinus deep, lower
sinus wanting or very shallow
9.3 mi W of Wells on road to Angel
Lake, Elko Co. NV June 8, 1981

NEVADA

81249 - Eriogonum - capitatum (Dougl.) Benth
Biennial or perennial. Sepals greenish-yellow. Petals, bright yellow. Near Angel Lake, ridge just E of it, East Humboldt Range, 14 miles W of Wells on Angel Lake road, Elko Co, Nevada
June 8, 1981
(4)

81250 - Arabis pubenula Nutt.
Perennial. Caudex, simple or rarely branched. Stems, usually one. Stiffly erect, simple or rarely branched. Sepals purplish-green. Petals pale ~~violet~~ lavender to nearly white. Pedicels ~~slightly~~ widely ascending. Siliques pendant. Rock and gravel. Acc 82149.
(26)

NEVADA

81251 – Draba densifolia Nutt.
Punctulion. Growing in clay rock and at the margins of small brush. As 81249, and growing with 81252.
(8)

81252 – Draba oligosperma Hook.
Punctulion. Growing in clay rock and at the margins of small brush. Abundant. Growing with 81251. As 81249

UTAH

81253 – Erysimum capitatum (Dougl.) Greene
Biennial or perennial. Sepals greenish. Petals, bright yellow.
(3) Under juniper. 1/2 mi. S of Grouse Creek, Box Elder Co., Utah June 9, 1921

81254 – Caulanthus crassicaulis (Torr.) S. Wats.
Stems single arising in the middle of a tuft of pinnatified leaves. Calyx gibbous. Petals 2 above and 2 below, brownish.
(5) Growing in alkaline clay like soil sagebrush-juniper area. As 81253

UTAH

81255- Arabis holboellii var. retrofracta
Stems, single from base,
Basal rosette, leaves on a
(5) woody root. Pedicels and siliques
strictly reflexed. 3.7 mi N of
Grouse Creek, on road to Oakley,
Box Elder Co, Utah.
June 9, 1981

81256- Arabis holboellii var. retrofracta
Plants with a single stem on
the unusually highly branched
beginning near base on favorable
site along road. Siliques and
(3) pedicels strictly reflexed, 10.9 mi
N of Grouse Creek. Vicinity
Grouse Creek and Lynn. Dense
sagebrush and Symphoricarpos
Box Elder Co, Utah.
June 9, 1981

UTAH

81257. Arabis divaricarpa x A. hulbaltii var. retrospecta (?)
Stems single in brushy area. Highly branched vegetative rosettes near base on favorable site along the roadside. Pedicels widely spreading to slightly descending. Siliques widely spreading, slightly arcuate As 81256
(11)

81258 - Arabis drummondi Gray
Stems single. Biennial or perennial. Pedicels and siliques erect. Sepals green. Petals white As 81256
(6)

81259 - Arabis falcatoria Rollins
Perennial. Stems simple, clustered below an erect tuft of basal leaves. Sepals purplish. Petals white to very light lavender. Pedicels at right angles to rachis. Siliques widely spreading, slightly bow-shaped. Growing in marbleized Chip unit with 81260, 81262 and 81263. 3.7 mi N of Grouse Creek on road to Cobaley, Box Elder Co. Utah
(20)
June 9, 1981

UT Art

81260 - Arabis holboellii Hornem. var. pendulocarpa
Stems usually single from the base, simple or branched above. Sepals purplish. Petals light lavender. Pedicels arched downward. Siliques pendulous. Growing in marbleized Clipper rock near Lange metamorphosed and marble like boulders, Co 81259 Growing with 81259, 81262 and 81263
(6)

81261 - ~~Arabis~~ Descurainia californica (Gray) Schulz
Annual. Stems single branched in the inflorescence. Brushy area. Co 81259.
(5)

81262 - Arabis holboellii Hornem. var. pendulocarpa
Biennial or perennial. Stems usually single, simple or branched above. Sepals purplish. Petals very light lavender. Pedicels gently arched downward Siliques pendulous, straight to slightly bowed. In Clipper rock Co 81259. Growing with 81259, 81260 and 81263
(24)

UTAH

81263 – Draba helbrellii Holmen var. pseudolonaspa Maguire
Stem single from the base. Sepals purplish. Petals light lavender. Pedicels strongly (7) arched downward. Could be the same as 81260. Same as 81259 and growing with 81259, 81260 and 81262.

81264 – Alyssum alyssoides (L.) L.
(5) Roadside weed. 4 mi N of Grouse Creek. Petals yellow fading white with age. Box Elder Co., Utah June 9, 1981 Det. T.R. Dudley

IDAHO

81265 – Descurainia pinnata (Walt.) Britt. subsp. filipes (Hrag.) Detling
Growing on limestone cliffs rock. Siliques not clavate. Sepals and petals yellow. 2.0 mi. W of SR 77, Cassia Co. Idaho. On road to Pomerelle Ski Area.
June 10, 1981

IDAHO

81266 - Arabis holboellii var holboellii
Biennial. Stems single from the base, usually unbranched. Pedicels and reflexes ranging from ~~nodding~~ pendant to widely spreading or nearly divaricately ascending. Sterile plants present. Growing with Arabis glabra. 2.3 mi. W of SR 77, on road to Pomerelle Ski Area, Cassia Co. Idaho June 10, 1981 - Spruce aspen and sagebrush.

Sepals green; Petals purple

81267 - Arabis glabra (L.) Bernh.
Stems single. Sepals yellowish. Petals cream. Growing with and as 81266.

81268 - Cardamine breweri S. Wats.
Perennial. Sepals green. Petals white. Cauline leaves pinnately lobed. Juvenile leaves cordate, ~~reniform~~. Growing in a small stream in an aspen grove.
As 81266.

IDAHO

81269 – Arabis holboellii var. pendulocarpa Hornem. (A. Nels.) Rollins
Biennial or perennial. Stems one or few, arising from a rosette of basal leaves. Stems simple, erect to slightly decumbent at base. Sepals dark purplish. Petals light purple. Pedicels widely spreading, slightly arched downward. Siliques pendulous. Growing in fine clift rock, open sagebrush. 9.2 mi W of SR 77, above Pomerelle Ski Area, Cassia Co., Idaho.
(22)
June 10, 1981

Growing until 81270. 81271 and 81272.

81270 – Arabis holboellii var. pendulocarpa
Perennial. Stems usually one arising from a cluster of leaves, surrounding a sheath, usually simple caudex. Sepals purplish. Petals white to light lavender. Pedicels arched downward. Growing in clift rock with 81269 and 81271, ex 81269. and 81272.
(17)

IDAHO

81271 - Arabis divaricarpa A. Nels.
Perennial. Stems one to few from a simple or branching caudex. Sepals deep purple. Petals dark purple. Pedicels divaricately ascending to somewhat pendant. Growing with 81269, 81270 and 81272. As 81269.
(4)

81272 - Arabis drummondii Gray
Perennial. Stems one to few from a simple or branching caudex. Sepals brownish green. Petals pure white. Pedicels erect to divaricately ascending. As 81269. Growing with 81269, 81270, and 81271
(3)

IDAHO

81273 – Arabis lemmonii S. Wats. var. drepanoloba (Greene) Kell.
Perennial. Stems one to several from a simple or branching caudex, simple or branched above. Sepals brownish purple. Petals purple. Pedicels (14) widely spreading. Siliques nearly at right angles to rachis tending to be flexed. 9.2 mi. W of SR 77, above Pomerelle Ski Area, Cassia Co., Idaho. Growing with ~~81274~~ 81275, + 81276. June 10, 1981

81274 – Arabis holboellii var. pendulocarpa
Perennial. Caudex often branched. Stems several, simple or branched above. Sepals greenish. Petals white. Pedicels (4) gently arched downward. Siliques widely spreading to loosely pendulous. Growing in mixed Sagebrush. Same location as ~~81273~~ 81273.

IDAHO

81275 - Arabis holboellii Hornem var. pendulocarpa
Stems one to several from a simple or branching caudex; simple or branched. Sepals purplish. Petals light lavender. Siliques slightly descending. Pedicels widely arched downward. Growing with 81273 and 81276. (4) As 81273

81276 - Arabis holboellii var. retrofracta (very close to var. holboellii)
Biennial or perennial. Stems usually single, often branched above. Sepals ~~greenish~~ purplish green. Pedicels ascending to spreading, occasionally reflexed to ascending. Petals white to light lavender. Siliques ~~stout~~ pendent to more strongly reflexed. Growing with 81273 and 81275. (11) As 81273

IDAHO

81277 - Arabis drummondii Gray
Perennial. Flowers erect. Sepals greenish, Petals white. then turning lavender. In deep soil near edge of a copse. Ac 81273.
(2)

81278 - Draba ~~stenoloba~~ Ledeb. var. nana (Schulz) C.L. Hitchc.
Perennial. 1 Stems one or several from a simple caudex. Erect to slightly decumbent at base. Sepals green petals yellow. 10 mi W of SR 7, above Ski Area, Cassia Co, Idaho June 10, 1951

81279. Arabis lemmonii S. Wats., var. [illegible]
Perennial. Stems one to several from a simple or branching caudex. Sepals brownish purple. Petals light to deep purple. Chip rock. High ridge SE of Mt. Harrison. Ac 81278.
(14)

IDAHO

8/1280 - Arabis sparsiflora Nutt
Stems single. Biennial. Sepals
yellowish-green. Petals purple.
Siliques widely spreading,
slightly arcuate. Pedicels
(10) widely spreading. Growing in
a grassy, sagebrush area,
Hecla Pomerelle Ski Area, 6
mi W of SR 77, Cassia Co, Idaho
June 10, 1981

UTAH

8/1281 - Arabis holboellii var. pendulocarpa
Perennial. Stems, single or several
from the base. Sepals purplish.
Petals a lighter purple. Pedicels
Summit of ridge. softly arched downward & siliques
pendent to widely spreading. A
parsimonious Mixed Collection. Growing
in highly mineralized clay rock.
4 mi S of Tynn, Box Elder Co.
Utah.
June 12, 1981

UTAH

81282 - Arabis falcatoria Roll.
Perennial. Stems one to several arising below terminal cluster of leaves, slightly decumbent at base, simple or branched above. Sepals purplish brown, petals pale purple (28) pale purple. Pedicels spreading at right angles to rachis. Siliques widely spreading, slightly arcuate. Growing with and as 81281 and 81283

81283 - Arabis pendulina Greene var. [illegible] Rollins
Perennial. Stems usually several from an unbranched caudex arising below a terminal cluster of leaves; slightly decumbent toward base. Sepals purplish. Petals pale lavender. Pedicels (28) ascending. Siliques pendulous. Growing with and as 81281 and 81282.

UTAH

81284 - Lepidium densiflorum Schrad. var. pubicarpum (A. Nels.) Thell.
Annual. Branched, beginning near base. Branches divaricately ascending, Petals absent. Stamens 2. As 81281
(7)

81285 - Arabis lignifera A. Nels.
Perennial. Siliques and pedicels pendulous. As 81281 in the vicinity of 81286, 812. Growing in sagebrush.
(2)

81286 - Arabis pulsenula Piper & Beattie
Stems mostly single, Cauline leaves overlapping. Pedicels and siliques pendulous. As 81281. In the vicinity of 81285 and 81287.
(12)

81287 - Arabis lignifera A. Nels.
Siliques and pedicels strongly reflexed As 81281. Growing in the vicinity of 81285 and 81286. May be the same as 81285. Growing mainly in sagebrush
(11)

UTAH

81288 – Arabis falcatoria Rydb.
Growth habit similar to 81282. Growing in crevices of rocks. Much blue branched and longer plants. As 81281
(14)

81289 – Descurainia richardsonii (Sweet) O.E. Schulz subsp. incana (Rydb.) Detling
Stems branched beginning near base. Sepals and petals yellow. Disturbed chip rock As 81281
(7)

IDAHO

81290 – Arabis sparsiflora Nutt. var. sparsiflora
Siliques "ascending," arcuate Sepals and petals dark purple. Near City of Rocks, 11 mi. NE of Idaho – Utah line. Cassia Co. Utah Among Sagebrush June 15, 1981
(6)

81291 – Arabis holboellii var. retrofracta Pedicels and siliques directly reflexed. Growing with 81290 and 81292. As 81290
(6)

IDAHO

81292- Arabis hulbosa x sparsiflora
Branched beginning near base.
Pedicels and siliques pendulous.
Probable hybrid between var.
(3) retropracta and sparsiflora.
Growing with 81290 and 81291.
Cx 81290

81293- Schoenocrambe linifolia (Nutt.) Greene
Perennial. Pedicels divaricately
(9) ascending. Siliques erect.
Sepals and petals golden yellow.
Cx. 81290.

81294- Arabis microphylla Nutt.
Perennial with a much branched
subterranean caudex. Stems
several to numerous arising
(24) below tufts of more or less erect
leaves. Simple or branched above.
Sepals purplish. Petals pale purple.
Pedicels divaricately ascending.
Siliques straight or slightly
curved and divaricately ascending.
Sterile rosette in mid summer, under
Cercocarpus. Cx 81290.

IDAHO

81295 - Descurainia Californica (Gray) Schulz
Sepals spreading in anthesis,
(8) greenish yellow. Petals yellow.
Growing in sagebrush. Ass 81390.

81296 - Erysimum capitatum (Dougl.) Greene
Biennial. Pedicels widely spreading.
Siliques curved upward. Sepals
(5) pale yellowish-green. Petals bright
yellow. Ass 81390.

81297 - Descurainia pinnata (Walt.) Britt subsp
Sepals (Gray)
Steep slope under Cercocarpus
Growing in deep humitic soil.
(6) Ass 81390. Pedicels widely
spreading. Siliques slightly
club-shaped.

81298 - Nasturtium officinale R.Br. sprawling in mud (5) water
Growing in roadside ditch
2 mi S of Oakley - Cassia Co
(5) Idaho
June 12, 1981

IDAHO

81299 - *Arabis holboellii* var *retrofracta*
Stems usually single from a leaf-cluster that is elevated on a single caudex. Pedicels and siliques strictly reflexed. Steep hillside. 5 mi E of I-84, Oneida Co. Idaho
June 13, 1981
(8)

81300 - *Arabis lignifera* A. Nels
Stems single arising from a cluster of leaves that surmount a simple elongated caudex. Pedicels and siliques pendant but not strictly reflexed. Cf. 81299.
(3)

81301 *Hastingsia officinalis* R. Bn
Extremely abundant, almost filling a small creek. 0.5 mi W of Juliette Campground, Sawtooth National Forest, Oneida Co. Idaho
June 13, 1981
(4)

IDAHO

81302. Descurainia
Sepals yellow, erect. Petals minute scarcely exceeding sepals. Yellow.
~~mi E of Sublette Campg~~
Pedicels slender, widely spreading. Siliques not club shaped, erect.
Sagebrush - Symphoricarpos area on steep hillside
1.2 mi E of Sublette Campground Sawtooth National Forest, Oneida Co. Ida. — June 13, 1981

81303 — Chamaerhodos erecta (Pallas) Bge
Very abundant weed. 2.6 mi E of Sublette Campground, Sawtooth National Forest, Oneida Co. Idaho
June 13, 1981
Hayden Canyon
(8)

81304 — Erysimum capitatum (Dougl.) Greene
Pedicels widely spreading, slightly ascending. Siliques nearly erect.
Steep hillside, N. Hayden Canyon
3.5 mi E of Sublette Campground Sawtooth National Forest, Oneida Co. Idaho
June 13, 1981
(2)

IDAHO

81305- Lesquerella alpina (Nutt.) S. Wats.
Perennial. Stems, several to numerous arising below or near cluster of entire leaves. Sepals greenish. Petals yellow. Pedicels sigmoid, Siliques strongly compressed parallel to septum. 6.3 mi E of the western boundary of Sawtooth National Forest, Sawtooth Power Co. Idaho. Alder Creek Mountains
(23) June 13, 1981

81306- Arabis
Caudex simple. Pedicels at right angles or slightly pendant from rachis. Siliques widely pendant. Cf. 81305. Growing with 81307 and 81308.

81307- Arabis holboellii var. retrofracta
Caudex simple. Pedicels and Siliques closely reflexed.
(2) Growing with 81306 and 81308. Cf. 81305.

IDAHO

81308 - Crepis drummondii Torr.
Stems, single. Sepals green. Petals white turning light purple in age. (5) Pedicels and siliques, strictly erect. Growing with 81306 and 81307. Cf. 81305

81309 - Erysimum capitatum (Dougl.) Greene
Growing in brush above Pebble Creek Ski Area, 6.1 mi E of Inkom, Bannock Co., Idaho
June 14, 1981
(3)

81310 - Draba nemorosa L.
(3) Growing between Sagebrush. Cf. 81307

81311 - Lepidium montanum Nutt. var. montanum
Perennial. Stems several to numerous from a single or branching caudex, (11) branched beginning near base. Sepals yellowish, Petals white, unguiculate. 1.5 mi. W of Soda Springs, growing in Gumbo Soil
Caribou Co., Idaho
June 14, 1981

IDAHO

81312 – Thelypodium sagittatum (Nutt.) Endl. subsp. sagittatum
Perennial. Sepals purplish. Tipped attenuate light lavender. Petals white to very light lavender. Petioles Petals at right angles to rachis to slightly ascending. Siliques erect. (18)
Growing near springs in a swampy area on road to Hooper Springs. Ca 2 mi N of Soda Springs, Caribou Co. Idaho
June 14, 1981.

81313 – Descurainia pinnata subsp. (Jepson to any setting)
Sepals and petals golden yellow. Pedicels fewl, divaricately ascending. Siliques not clavate. Steep hillside
5 mi N of Soda Springs.
Caribou Co. Idaho
June 14, 1981

81314 – Arabis hirsutii var. retrofracta
Pedicels and siliques strictly reflexed. As 81313
(5)

IDAHO

81315 - Conringia orientalis (L.) Dumort.
(4) Steep bank. As 81313.

81316 - Alyssum alyssoides (L.) L.
(7) Very abundant covering a ridge top As 81313. DETT. R Dudley

81317 - Physaria acutifolia Rydb.
Perennial. Stems prostrate to numerous arising below flat rosette of terminal leaves, decumbent and pinnate. Sepals greenish yellow. Petals yellow. Pedicels divaricately ascending to slightly reginid. Silicques with pinnae about equal above and below. Valves crinkley, not angular. Styles elevated.
(15) Steep rocky area with metamorphosed boulders and point rocks. On US 89, 3.8 mi NE of Montpelier, Bear Lake Co, Idaho June 15, 1981.

IDAHO

81318 – Erysimum capitatum (Dougl.) Greene
Sepals greenish yellow. Petals bright yellow. Growing in sagebrush. Glenns Summit on Route 89, U.S. Bear Lake Co, Idaho
June 15, 1981

81319 – Physaria acutifolia Rydb.
Perennial stems several arising, below terminal cluster of leaves. Siliques with pinnules about equal above and below style elevated. Growing in platey clay rock at ca 8,000 ft. elev. 1 mi SW of Geneva Summit, Bear Lake Co. Idaho
June 15, 1981

81320 – Descurainia pinnata (Walt.) Britt. subsp. nelsonii (Rydb.) Detling
Pedicels spreading at right angles from rachis. Sepals yellowish. Petals absent. Siliques not club-shaped. 4.4 mi N of Geneva, Bear Lake Co. Idaho
June 15, 1981

IDAHO

81321 - Phyllaria acidulpha Rydb.
Perennial. Stems numerous arising
from flat rosette of entire leaves.
~~Calyx~~ Sepals yellowish. Petals
bright yellow. Pedicels divaricately
ascending. Siliques somewhat
inflated, slightly crinkled with
equal sinuses above and below.
Style equaling. 5.4 mi. N of
(9) Geneva, Bear Lake Co, Idaho
June 15, 1961

Det. verified Camp & Gilbert 1962

81322 - ~~Caltha~~ Streptanthus cordatus Nutt.
Perennial. Plant yellowish above
(2) Calyx yellowish. Petal purplish
brown. Cf 81321

81323 - Lepidium [ramosissimum A. Nels.] papillii Rollins, ined.
Perennial. Branched beginning at
base. Petals minute, white.
(8) 6.7 mi W of Paris on the Paris
Canyon Road. Bear Lake Co. Idaho
June 16, 1951

IDAHO

81324. Arabis divaricarpa A. Nels. up to 5 ft high
Rank growing plants, with lower
petiolate leaves dentate. Sepals
purplish-green Petals purple.
(4) Pedicels at right angles to rachis.
Siliques widely spreading,
slightly arcuate, Steep-bank,
Spruce-aspen area. Nr 81323.

81325 - Arabis divaricarpa A. Nels.
Stems usually single, branched
above, occasionally below. Sepals
purplish-green. Petals deep purple.
(10) Pedicels widely spreading to
slightly recurved. Siliques
widely spreading. 9.3 mi. West
Paris, on road to Dec Cone.
Bear Lake Co, Idaho
June 16, 1981

IDAHO

81326- Lesquerella multiceps Maguire
Perennial. Caudex branched below ground. Stems several to numerous, decumbent. Sepals greenish brown Petals yellow, unguiculate. Pedicels divaricately ascending. Silique slightly compressed contrary to septum. Growing in crevices of rocks or in soil pockets. Near Paris Ice. Cave, 10 mi W of Paris, Bear Lake Co. Idaho
June 16, 1934

81327- Arabis hilbelli Hornem var. pendulocarpa
Perennial. Stem one to several from a simple or rarely branched caudex, unbranched. Sepals purplish. Petals pale lavender. Pedicels arched downward. Silique pendulous. Growing in crevices of rocks with 81326 and 81328. As 81326.
(20)

IDAHO

81328 – Thlaspi montanum L. var. montanum
Perennial Caudex branching below ground. Stems numerous. Sepals green Petals white. Grown with 81326 and 81327. Siliques scarcely notched at apex. Cf 81326
(6)

81329 – Draba stenoloba Ledeb var. nana (Schulz) Hitchc.
Stems several from an unbranched base. Sepals green. Petals yellow. 11 mi W of Paris, on Paris Canyon Road, Bear Lake Co Idaho.
June 16, 1981
(8)

81330 – Arabis divaricarpa A. Nels
Perennial. Stems single or several from the base. Sepals purplish Petals deep purple. Pedicels widely spreading to slightly recurved. Cf 81329
(6)

81331 – Lesquerella multiceps Maguire
Perennial Caudex branching below ground. Sepals brownish Petals yellow. Pedicels ascending to divaricately ascending. Siliques very slightly depressed contrary to Septum. Cf 81329
(9)

UTAH

81332 – Arabis divaricarpa A. Nels.
Stems usually simple from the base. Sepals brownish purple. Petals lavender. Pedicels divaricately ascending. Fruiting in Sept. Sub-Alpine (11) mi SW of Garden City near summit between Garden City and Logan, Rich Co. Utah
June 16, 1981

81333 – Arabis holboellii Hornem var pendulocarpa
Perennial. Stems one to several from a simple or branched caudex. Pedicels arched downward. Siliques pendulous, straight, fruiting in Arabis fashion. (18) 1/4 mi SW of Summit between Garden City and Logan, Rich Co. Utah
June 16, 1981

81334 – Arabis lasiocarpa Roll.
Sub-Shrubby at base. Stems several to numerous from a branching caudex. Stems simple. Sepals purplish. Petals light purple. Pedicels widely arched. Siliques pendulous, slightly curved. Near Type locality (18) 1/2 mi SW of Summit in broken rock and near sagebrush. Near 81333.

UTAH

81335- Lesquerella multiceps Maguire
Perennial. Stems several to numerous, prostrate. Sepals brownish. Petals yellow. Pedicels (12) divaricately ascending, straight to slightly sigmoid. Siliques erect, slightly depressed. Contrary to Septum. Cf. 81333

81336- ~~Caulanthus~~ Streptanthus cordatus Nutt.
Steep slope among junipers. Red Soil. 6.2 mi W of Woodruff, Rich Co., Utah. Voucher for seeds. (5) June 17, 1981

81337- Physaria acutifolia (Rydb.) O'Kane & Rollins
Perennial. Stems several to numerous, arising below active cluster of entire leaves. Pedicels (7) ascending, straight to slightly sigmoid. Siliques with a sinus above and below. Style 4 mm. Cf. 81336.

UTAH

81338-Arabis lasiocarpa Roll.
Perennial. Caudex woody, branched or simple. Stems pubic. Sepals dark purple. Petals light purple. Pedicels arched downward. Siliques ~~pendulous~~ pendant. Growing on steep rocky
(24) hillside among light colored rock. Along SR 39, ~~mi. W of Woodruff~~, between Woodruff and Huntsville, 4.2 mi E of Huntsville. Rich Co. Utah
June 17, 1981

81339. Arabis holboellii Hornem. var. ~~pendulocarpa~~ lasiocarpa
Perennial. Stems perenial to numerous from a simple or branched caudex
(23) Sepals deep purple. Petals light purple. Pedicels arched downward. Siliques pendant. Cf 81338
May be a mixture.

81340-Arabis holboellii Hornem. var pendulocarpa
Perennial. Stems ~~usually~~ one or few from a
(4) simple caudex. Pedicels gently recurved. Siliques pendant.
Cf 81338.

UTAH

81335- Lesquerella multiceps Maguire
Perennial. Stems several to numerous, prostrate. Sepals brownish. Petals yellow. Pedicels (12) divaricately ascending, straight to slightly sigmoid. Siliques erect, slightly depressed. Contrary to Septum. Cf. 81333

81336- ~~Caulanthus~~ Streptanthus cordatus Nutt
Steep slope among junipers. Red Soil. 6.2 mi W of Woodruff, Rich Co., Utah. Voucher for seeds. (5) June 17, 1981

81337- Physaria acutifolia (Rydb.)
Perennial Stems several to numerous, arising below active cluster of entire leaves. Pedicels (7) ascending, straight to slightly sigmoid. Siliques with a sinus above and below. Style shorter than 81336.

UTAH

81338-Arabis lasiocarpa Roll.
Perennial. Caudex woody, branched or simple. Stems simple. Sepals dark purple. Petals light purple. Pedicels arched downward. Siliques ~~pendant~~ pendant. Growing on steep rocky (24) hillside among light colored rock. Along SR 39, ~~mi. W of Woodruff~~, between Woodruff and Huntsville, 4.2 mi E of Huntsville. Rich Co. Utah
June 17, 1981

81339. Arabis holboellii Hornem. var [illegible]
Perennial. Stems several to numerous from a simple or branched caudex (23) Sepals deep purple. Petals light purple. Pedicels arched downward. Siliques pendant. Cfr 81335
May be a mixture.

81340-Arabis holboellii Hornem. var pendulocarpa
Perennial. Stems ~~usually~~ one or few, 1 from a (4) simple caudex. Pedicels greatly recurved. Siliques pendant.
Cfr 81338.

UTAH

81341 - Lesquerella multiceps Maguire
Stems prostrate, Rocky area.
along SR 39, between
(6) Woodruff and Huntsville, 29.8
mi E of Huntsville, Rich Co, Utah
June 19, 1981

81342 - Physaria acutifolia Rydb.
Perennial. Stems decumbent
arising below leaf rosette. Of,
perennial leaves. Siliquies with
a sinus above and below.
(3) Styles not exserted on mature
fruits. Siliques not angular
7 mi SE of Woodland, Wasatch
Co. Utah
June 19, 1981

81343 - Eriogonum capillatum (Dougl.) Greene
Perennial. Stems usually
branching near the base.
(5) Flowers bright yellow. 9.6 mi.
SE of Woodland, Wasatch Co. Utah
June 19, 1981

UTAH

81344 - Phlox caespitosa Nutt.
Stems numerous arising below terminal cluster of leaves. Foliage with a rosette above and below. Style not exserted or barely so on mature foliage.
(2) 31 mi NW of Duchesne, Duchesne Co., Utah.
June 18, 1981

81345 - Arabis selbyi Rydb.
Dr Shade of a large boulder.
(3) As 81344.

81346 - Coulterella capricaulis (Torr.) S. Wats.
Voucher specimen for seeds.
As 81344.

81347 - Lepidium montanum Nutt. var. montanum
Perennial, branched beginning at base. Flowers white. Crevices of rocks, sandy area. As 81344
(6)

UTAH

81348 - Lesquerella subumbellata Roll. Perennial Stems numerous from a branching caudex. Erect. Pedicels strongly ascending. Straight Siliques compressed parallel to septum. 17 mi N of Vernal, Uintah Co. Utah. June 19, 1981

(15)

81349 - Lesquerella subumbellata Rollins Caudex branching. Leaves erect. Stems simple, erect. Sepals ~~green~~ brownish-yellow. Petals yellow, unguiculate. Pedicels divaricately ascending. One mile west of Utah SR 44, ca. 21 mi N of Vernal, Uintah Co., Utah. June 19, 1981. Eastern portion of Uinta Mts.

Rocky area on high ridge.

(7)

UTAH

81350 - Lesquerella utahensis Rydb.
Perennial. Stems few from mostly subwoodened caudex. Decumbent. Sepals yellowish-green. Petals yellow. Pedicels widely spreading, slightly recurved. Siliques nearly glabrous to slightly elongated. Near SR 44, Sagebrush area in fine gravelly soil, 28 mi N of Vernal, Daggett Co. Utah
(20) June 19, 1981

Petals unguiculate

81351 - Thlaspi montanum L. var. montanum
(3) Perennial. Growing with 81350

WYOMING

81352 - Lesquerella ludoviciana (Nutt.) S. Wats.
Perennial. Stems mostly decumbent rising, below a terminal cluster of erect, linear leaves. Sepals pale yellow Petals bright yellow, unguiculate. Pedicels recurved. Siliques ultimately pendant. 1 mi N of the Utah border, Sweetwater Co. off Wyo SR 373, Wyo.
(15) June 19, 1981

Among Sagebrush & Juniper

WYOMING

81353 – Erysimum capitatum (Dougl.) Greene
Biennial. Sepals pale yellow. Petals lemon yellow. Pedicels widely spreading. Siliques divaricately ascending – to more widely spreading as 81352.
(6)

81354 – Arabis lignifera A. Nels.
Perennial. Stems usually one or few from the base, often branched above. Pedicels arched downward. Siliques ~~about~~ pendant to more widely spreading. As 81352.
Growing with 81355

81355 – Arabis holbellii var. retrofracta
Stems single from an elongated simple caudex. Siliques strictly reflexed. Growing with 81354.
As 81352.
(3)

81356 – Draba ~~[illegible]~~ jungpeninna Dorn
Perennial. Tufts up to 4" in dia. Caudex branched. Stems numerous, erect. Pedicels divaricately ascending. Siliques erect – As 81352.
Flowers yellow.
(12)

WYOMING

81357 - Schoenocrambe linifolia (Nutt.) Greene
Perennial with a vertical root stock
(2) Flowers yellow. Growing in Sagebrush
48 mi S. of Rock Springs, Sweetwater
Co. Wyoming
June 19, 1981

81358 - Physaria acutifolia Rydb.
Perennial. Stems several to
numerous arising below a cluster
of perennial entire leaves.
Sepals greenish-yellow. Petals
bright yellow. Pedicels widely
spreading to divaricately ascending.
straight to slightly sigmoid.
Siliques with sinus above and below.
(9) Valves smooth. Styles somewhat
elevated at maturity. Ex 81357.
Growing on white Saltgene soil

81359 - Lesquerella alpina (Nutt.) Wats.
~~Stem~~ Perennial with a branching
caudex. Stems several to numerous.
(5) Sepals yellowish-green. Petals yellow
Pedicels straight, ascending. Siliques
flattened ~~forward apex~~, parallel to
septum. forward apex. Ex 81357.
Growing at base of Sagebrush.

WYOMING

81360 - Arabis pendulina Greene var. russeola (Rydb.) Roll
Perennial. Stems usually fasc. arising below on erect clusters of terminal leaves, somewhat decumbent at base. Sepals deep purplish. Petals light lavender, erect. Pedicels arching Siliques widely spreading in a pendant position. Mainly elevated ground on a high windswept ridge 31.8 mi. S. of Rock Springs. Sweetwater Co. Wyo.
(30) June 19, 1981

81361 - Lesquerella alpina (Nutt.) S. Wats.
Caespitose with a branching caudex. Some habitat and location as 81360.
(6)

81362 - Lesquerella ludoviciana (Nutt.) S. Wats.
Perennial. Stems numerous. Sandy Soil, Sagebrush area. Near ~~SR~~ US 187, 20mi S. of Farson Sweetwater Co. Wyo.
(10) June 20, 1981

WYOMING

81363 - Alyssum desertorum Stapf var. desertorum
(6) Along highway right-of-way. As 81362. Det T. R. Dudley

81364 - Arabis holboellii Hornem. var. pendulocarpa
Stems one or few from the base. Pedicels arched. Siliques pendulous. Growing in decomposed metamorphic rock crevices and gravel 38 mi SW (18) of Lander, Fremont Co., Wyo. June 20, 1981.

81365 - Draba oligosperma Hook.
Common near large boulders and massive outcrops. Same locality as (4) 81364.

81366 - Arabis pusilla N. sp.
Stems few from a simple or few branched caudex arising below terminal cluster of erect leaves (15) Pedicels at right angles to rachis. Siliques widely spreading. Growing in cracks & crevices of large Meta-Marylaned rocks. Same locality as 81364.

WYOMING

81367 - Arenaria macrophylla Nutt.
Stems numerous from a highly branched caudex. Pedicels divaricately ascending. Sepals erect to slightly divaricately ascending, straight or slightly arcuate. Growing in crevices of high rocks. Same locality as 81364.
(22)

81368 - Draba densifolia Nutt.
Pubescence with a highly branched caudex belowground. Near large rocks. Same locality as 81364.
(5)

81369 - Erysimum wilhamsii Rydb.
Perennial. Stems one or few from a simple or branched caudex. Pedicels and siliques erect. Growing in low sagebrush and grassy area, decomposed metamorphic rock. Topotype. 35 mi SW of Landers, near SR 28. Fremont Co. Wyo. June 20, 1981
(29)

WYOMING

81370 – Arabis holboellii var. pendulocarpa X A. williamsii
Perennial, Stems one to few from a simple or rarely branching caudex
(17) Pedicels and siliques at right angles to rachis. Ca and growing with 81369.

81371 – Arabis holboellii Hornem. var. pendulocarpa
Rocky area near pines. 32 mi SW of Lander, near SR 28, Fremont Co.
(1) Wyoming
June 20, 1981

81372 – Descurainia richardsonii (Sweet) O.E. Schulz subsp. incisa (Engelm.) Detling
Sepals yellowish; spreading at anthesis. Abundant in reddish soil among brush near SR 28
(8) 18.4 mi SW of Lander, Fremont Co. Wyo.
June 21, 1981

WYOMING

81373 - Lesquerella alpina (Nutt.) S. Wats.
Perennial. Stems several to many, decumbent to erect. Pedicels sigmoid to nearly straight. Plants in protected spots with well developed stems. (17)
Those in open, wind swept places with very short flowering stems.
Siliques erect. Red Soil. near SR 28. Ex 81372.

81374 - Physaria wyomingensis Rollins
Perennial. Stems several to numerous from a simple or few branched caudex. Decumbent, arising below a flat, rosette-like (19)
rosette of terminal leaves. Siliques inflated with a deep closed sinus above and a shallow sinus below. Valves rounded. Styles included. Red Soil. Ex 81372

81375 - Erysimum
Siliques widely spreading.
Ex 81372

WYOMING

Limestone Cap

§1376 - Lesquerella fremontii Rollins & Shaw
Perennial. Stems ~~decumbent~~ prostrate, few to several from an unbranched caudex, arising below a terminal cluster of erect, entire leaves. Sepals spreading at anthesis, yellowish. Petals yellow, unguiculate. Pedicels recurved. Siliques pendant, 23.5 mi SW of Lander, near SR 28, Fremont Co. Wyo
(39) June 21, 1981

§1377 - Lesquerella fremontii Rollins & Shaw
Perennial. Stems few to several, decumbent. Sepals yellowish. divaricately spreading at anthesis. Leaf cluster erect. Pedicels recurved. Siliques pendant. Growing in loose whitish pumice Deep Ridge, Southeastern Approach to the Wind River Mts, (16) 1 mi N of SR 28, 24 mi SW of Lander Fremont Co. Wyo.
June 21, 1981

WYOMING

81378 - Erysimum asperum (Nutt.) DC
Usually simple from the base. Occasionally branched below, usually branched above. Same locality as 81377.
(3)

81379 - Arabis holboellii Hornem. var. pendulocarpa X A. williamsii
Stems one or few from a simple caudex arising from a basal rosette. Pedicels and siliques at right angles to rachis. Growing in lignified chip rock near Snow Fence, Ca. 1 mile W. of Atlantic City Iron Ore Mine, Fremont Co, Wyo. June 21, 1981. Growing in an identifiable population in some areas as 81380 and 81381
(18) Voss SR 28

~~81380~~

81380 - Arabis holboellii Hornem. var. pendulocarpa
Stems one or few from a simple caudex. Perennial. Pedicels gently recurved. Siliques pendulous. Growing in an identifiable population in some area as 81379 and 81381. Same locality as 81379
(16)

WYOMING

81381 - Arabis williamsii Rollins
Perennial.
Stems one or few from a usually simple caudex. Pedicels and siliques divaricately ascending. Growing in an identifiable population in the same area as 81379 and 81380. Same locality as 81379.
(20)

81382 - Lepidium densiflorum Schrad. var. macrocarpum Mulligan
Sandy soil by road. 6 mi N of jct with US Hwy 26, a few miles N of Morton, Fremont Co, Wyo.
(4) June 22, 1981

81383 - Cardaria pubescens (C. A. Meyer) Jarm.
Roadside weed. As 81382.
(5)

81384 - Stanleya pinnata (Pursh) Britt.
Stems branching from a ligneous base. Flower leaves pinnatifid
93.5 mi N of jct of US 87 & US 16, a few W of Morton, Fremont Co, Wyo.
(7) June 22, 1981

WYOMING

81385 - Lesquerella alpina (Nutt.) S. Wats.
Perennial. Stems several to numerous often condensed. Sepals yellowish. (10) Petals yellow. Pedicels straight to Sigmoid Siliques erect. Growing in a whitish formation about 30 feet wide. Seemingly restricted to the one formation. Locality as 81384

81386 - Physaria acutifolia Rydb.
Perennial. Stems numerous, often decumbent, arising below a flat rosette of entire but usually two-toothed leaves. Sepals greenish (8) yellow. Petals yellow Siliques with a deep closed sinus above and a shallow sinus below. Styles deciduous on mature siliques. Some habitat as 81385. Locality as 81384.

toward P. didymocarpa but with a smaller sac locule. The replum is broader than in most acutifolia, the pubescence of the fruits is lower and the trichomes larger than in good acutifolia.

WYOMING

81387 - Stanleya viridiflora Nutt.
Leaves fleshy, branching from base and above. Sepals and petals light lemon yellow, 23 mi. NE of jct of US 26, a few miles W of Riverton, Fremont Co. Wyo.
(3) June 22, 1981

81388 - ~~Tetraneuris~~ Tetraneuris b.g. brevosa (Richardson) Rydb.
Perennial. Stems few to several from a simple caudex, decumbent.
(1) Pedicels recurved. Fl. yellow Sandy soil. Same locality as 81387

81389 - Schoenocrambe linifolia (Nutt.) Greene
(6) Leaves simple throughout. Cfr 81387

81390 - Tetraneuris hookeriana (Nutt.) S. Wats.
Perennial. Stems numerous from the base, branched above. Near
(7) SR 134, near ~~Lago Fent + Game~~ Ocean Lake, Fremont Co. Wyo.
June 22, 1981
Between Pavillion and Shoshoni

WYOMING

81391 – Stanleya pinnata (Pursh) Britt.
Stems several from a woody base. Lower leaves pinnatifid Sepals yellow, spreading to slightly reflexed at anthesis. near SR434 ca 5 mi SE of Ten Sleep Washakie Co, Wyo.
June 23, 1981
(8)
Occurring in steep slopes of red soil.

81392 – Physaria acutifolia Rydb
Stems several arising below a rosette of entire leaves. Siliques with a deep closed sinus above, a shallower sinus below. Styles persistent. Same habitat and locality as 81391. Juniper Cercocarpus area.
(3)

81393 – Lesquerella alpina (Nutt.) S. Wats.
Perennial with a branching caudex Slender stems arising below tufts of erect leaves. Fls. yellow. Pedicels divaricately ascending to more widely spreading, Straight to slightly sigmoid. Siliques erect.
(24)
As 81391. Compact plants on open slope.
Sparingly over an area of 4 square yards

WYOMING

81394 - Lesquerella alpina (Nutt.) S. Wats.
Perennial. Stems several from a simple or branched caudex arising below a terminal tuft of erect leaves; decumbent. Fls. yellow, Pedicels widely spreading, usually sigmoid. Siliques erect. Growing in red clay-like soil on a windswept knoll. The slope of
19 m. SE of Ten Sleep, Washakie Co. Wyo. SR436
June 23, 1981
(15)
Specimen approved by the Big Horn Nat. Forests.

81395 - Lesquerella alpina (Nutt.) S. Wats.
Perennial with an enlarged, usually simple caudex. Leaves often clustered on the stems. Sepals greenish yellow, spreading at anthesis. Petals yellow, unguiculate. Pedicels sigmoid ~~81394~~ growing in white calcareous rocks. 11 mi SE of Ten Sleep, near SR 436, Washakie Co. Wyo
June 23, 1981
(33)
Southern approved by the Big Horn Nat. Forests.

WYOMING

81396 - Arabis
Perennial. Stems single from base usually branched above. Pedicels and siliques strictly reflexed. In crevices of Calcareous rocks where soil has accumulated. Cf. 81395.

81397 - Aegopsum alyssoides (L.) L.
(3) Petals ~~white~~ yellow fading to white. Abundant weed on open range. Same locality as 81395
Wet T. R. Dudley

81398 - Arabis holboellii Hornem var. retrofracta (Graham) Rydb.
Perennial. Stems arising from a tuft of leaves terminating a simple, ligneous caudex. Pedicels and siliques strictly reflexed. Steep hillside in sagebrush-pine zone. Locality as 81395.
(5)

81399. Malcolmia
Weed, near road. Locality as 81395.
(2)

WYOMING

~~81399~~ 81400 - Draba nuttallii Robins.
Perennial. Stems one to few arising above a flat rosette, unbranched. Sepals 4. Petals white. Pedicels, straight, divaricately ascending.
(23) Silique erect. Mountain meadow, ~~my~~ white rock outcrop southern approach to the higher elevations of the Big Horn Mts. 16.4 mi SE of ~~Buffalo~~ Sleep. Johnson Co, Wyo. June 23, 1981

81401 - Draba nemorosa L.
Fls. yellow. Habitat and locality as 81400.
(2)

81402 - Draba stenoloba Ledeb. var. ~~[illegible]~~ (S. Wats.) Hitch.
Fls. Yellow. Mountain meadow near calcareous rock outcrop. Southern approach to the higher elevations of the Big Horn Mts.
(10) Johnson Co, Wyo.
June 23, 1981

WYOMING

81403 - Lesquerella alpina (Nutt.) S. Wats.
Perennial. Stems several from a
simple caudex, prostrate. Sepals
~~red~~ greenish-yellow. Petals bright
yellow. Pedicels widely spreading,
slightly sigmoid to nearly straight.
Growing in granitic rubble on a
knoll, near North Fork of Powder
River, 13 mi S of US 16, Johnson Co.,
Wyo. June 23, 1981

(20)

Big Horn Mts.

81404 - Arabis holboellii Hornem. var. pendulocarpa
Perennial. Stems mostly simple
from the base. Pedicels ~~erected~~
downward. Siliques pendulous.
Cf. 81403

(5)

81406 - Draba oligosperma Hook.
Abundant. Cf. 81403.

(3)

81407 - Berteroa incana (L.) DC
Flowers white. Siliques erect.
(7) Pasture weed. 6 miles NW of
Monroe. Green Co. Wis.
June 27, 1981

Property
of
Wilson Jones